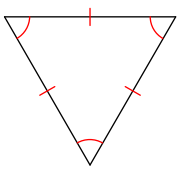
Geometry Name_____

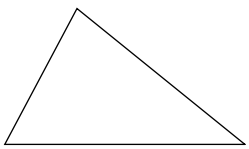
Assignment

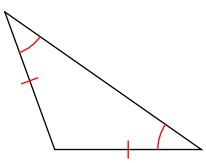
Date_____ Period____

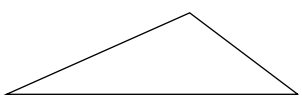
Sketch an example of the type of triangle described. Mark the triangle to indicate what information is known. If no triangle can be drawn, write "not possible."

1) obtuse scalene

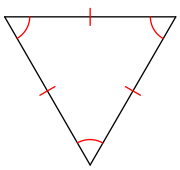
A) 

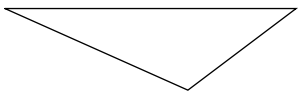
B) 

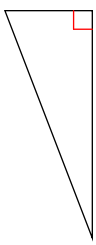
C) 

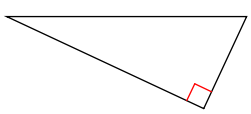
D) 

2) right scalene

A) 

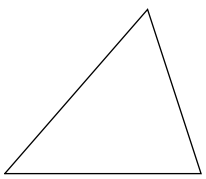
B) 

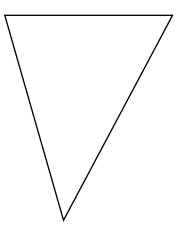
C) 

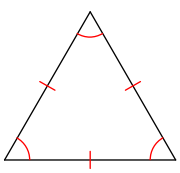
D) 

3) acute scalene

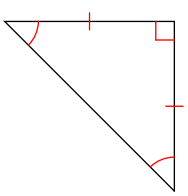
A) Not possible

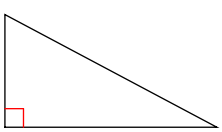
B) 

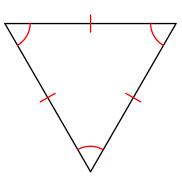
C) 

D) 

4) right isosceles

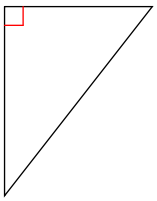
A) 

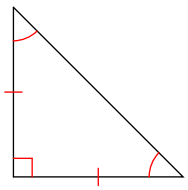
B) 

C) 

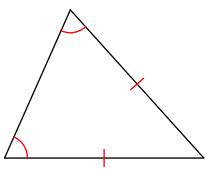
D) Not possible

5) scalene isosceles

A) 

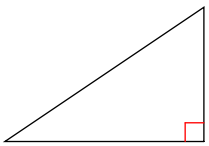
B) 

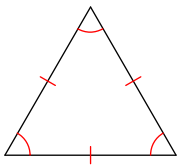
C) Not possible

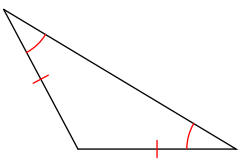
D) 

6) right obtuse

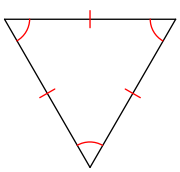
A) Not possible

B) 

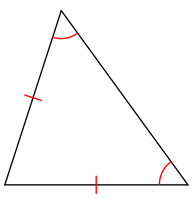
C) 

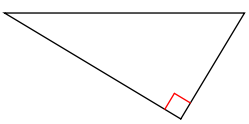
D) 

7) right obtuse

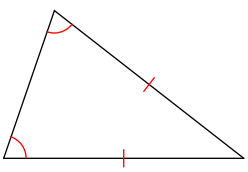
A) 

B) Not possible

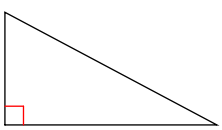
C) 

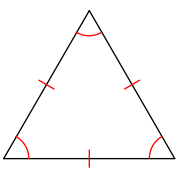
D) 

8) right equilateral

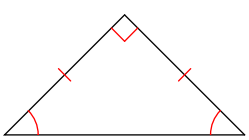
A) 

B) Not possible

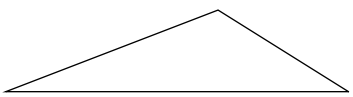
C) 

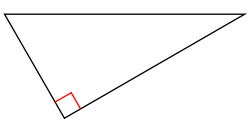
D) 

9) acute right

A) 

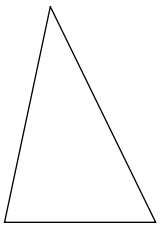
B) Not possible

C) 

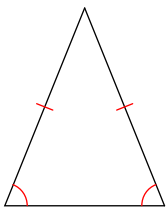
D) 

10) acute isosceles

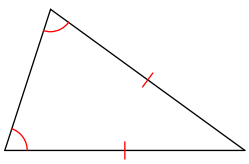
A)



B)



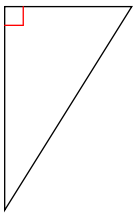
C)



D) Not possible

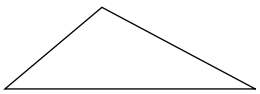
11) obtuse scalene

A)

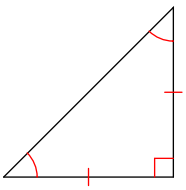


B) Not possible

C)

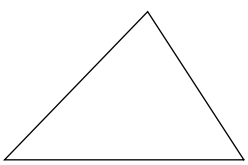


D)

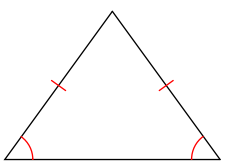


12) acute scalene

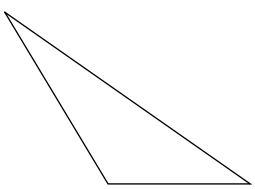
A)



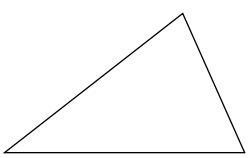
B)



C)

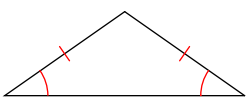


D)

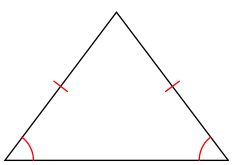


13) acute scalene

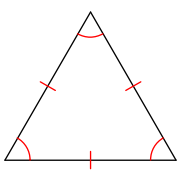
A)



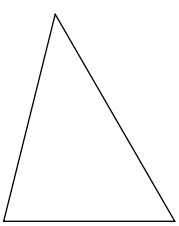
B)



C)



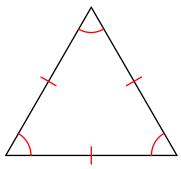
D)



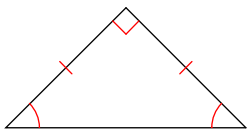
14) right isosceles

A) Not possible

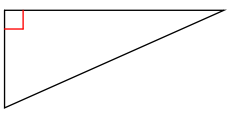
B)



C)

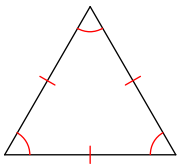


D)

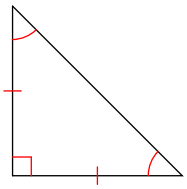


15) equilateral

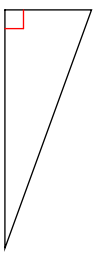
A)



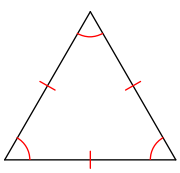
B)



C)

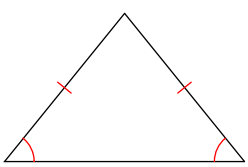


D)

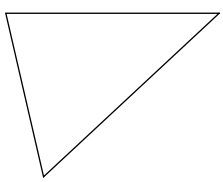


16) acute scalene

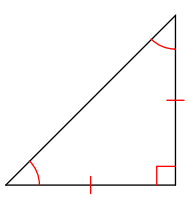
A)



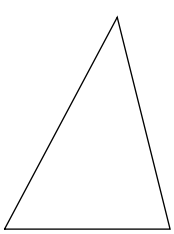
B)



C)

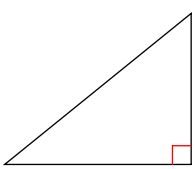


D)

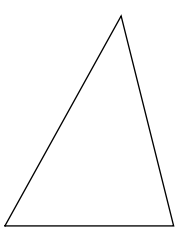


17) right scalene

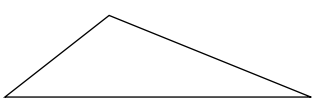
A)



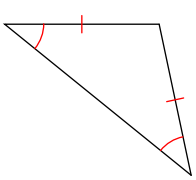
B)



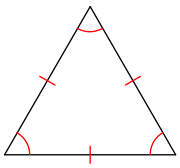
C)

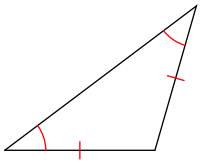


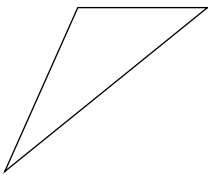
D)

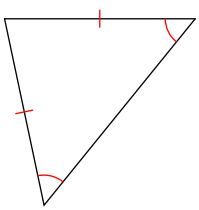


18) acute isosceles

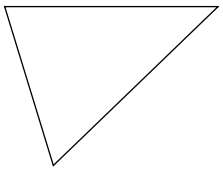
A) 

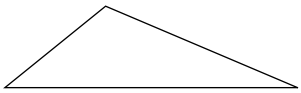
B) 

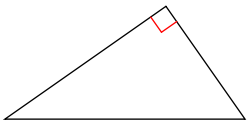
C) 

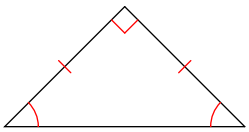
D) 

19) obtuse scalene

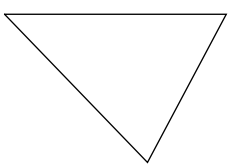
A) 

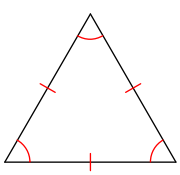
B) 

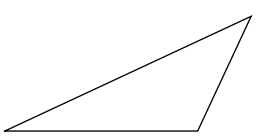
C) 

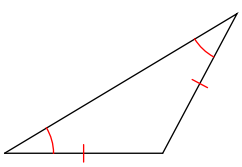
D) 

20) equilateral

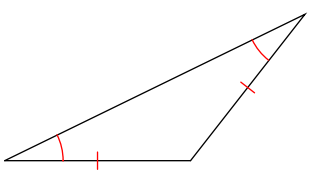
A) 

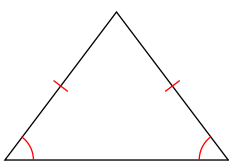
B) 

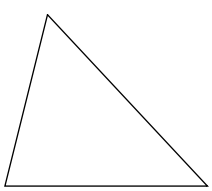
C) 

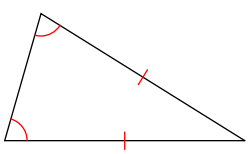
D) 

21) acute isosceles

A) 

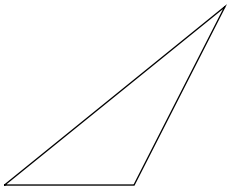
B) 

C) 

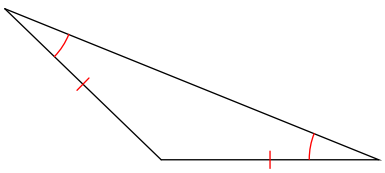
D) 

22) acute scalene

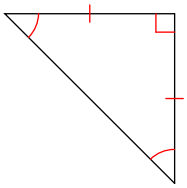
A)



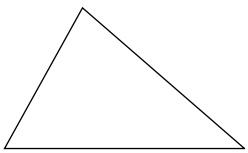
B)



C)



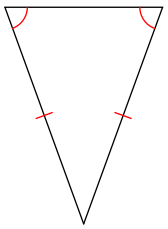
D)



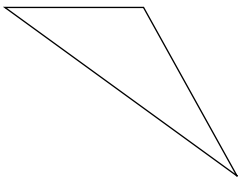
23) acute isosceles

A) Not possible

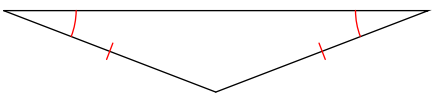
B)



C)

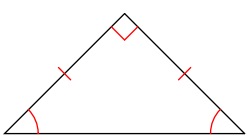


D)

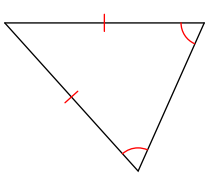


24) right isosceles

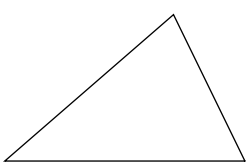
A)



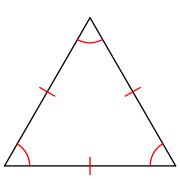
B)



C)



D)



Answers to Assignment (ID: 1)

1) D
2) C
3) C
4) A
5) C
6) A
7) B
8) B
9) B
10) C
11) C
12) D
13) D
14) C
15) A
16) D
17) A
18) D
19) B
20) B
21) B
22) D
23) B
24) A

Geometry Name_____

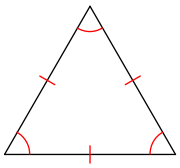
Assignment

Date_____ Period____

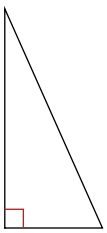
Sketch an example of the type of triangle described. Mark the triangle to indicate what information is known. If no triangle can be drawn, write "not possible."

1) equilateral

A)

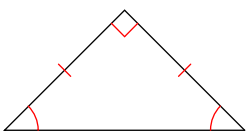


B)



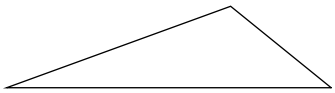
C) Not possible

D)

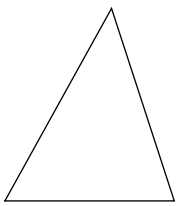


2) acute scalene

A)

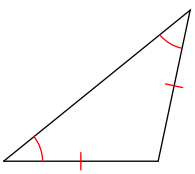


B)



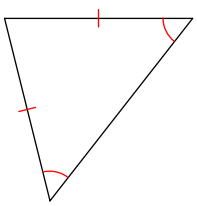
C) Not possible

D)

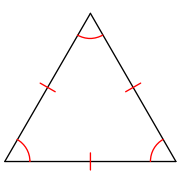


3) right scalene

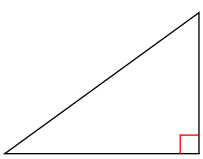
A)



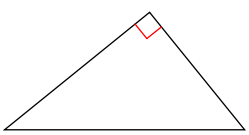
B)



C)

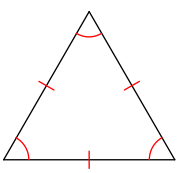


D)



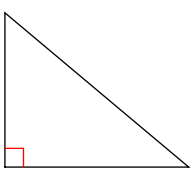
4) equilateral

A)

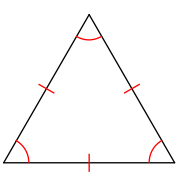


B) Not possible

C)

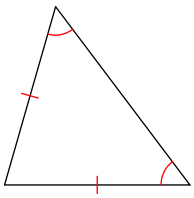


D)

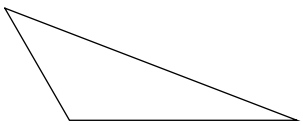


5) acute isosceles

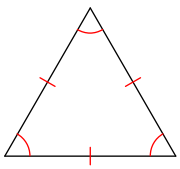
A)



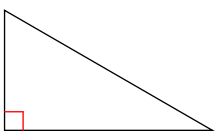
B)



C)

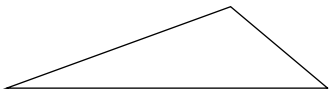


D)



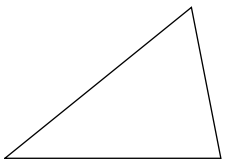
6) obtuse scalene

A)

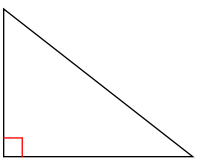


B) Not possible

C)

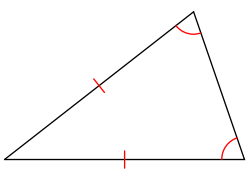


D)

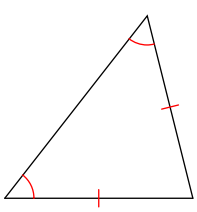


7) acute isosceles

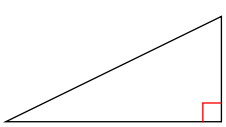
A)



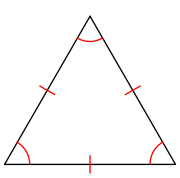
B)



C)

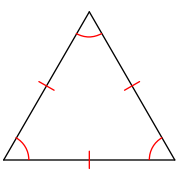


D)

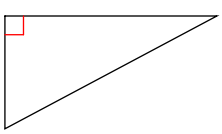


8) right isosceles

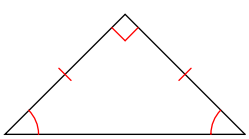
A)



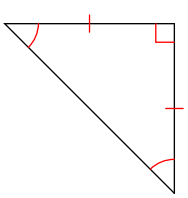
B)



C)



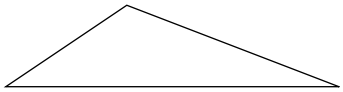
D)



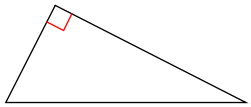
9) acute obtuse

A) Not possible

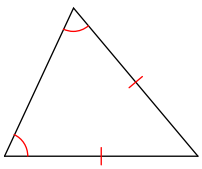
B)



C)



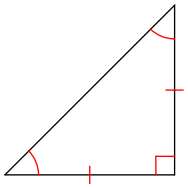
D)



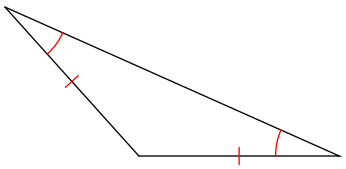
10) obtuse equilateral

A) Not possible

B)



C)



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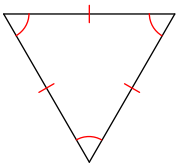
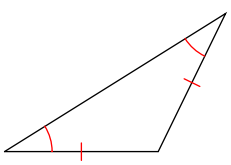


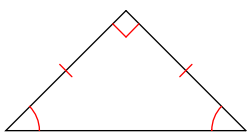
11) right obtuse

A)

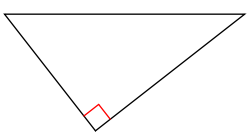


B) Not possible

C)

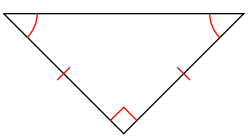


D)



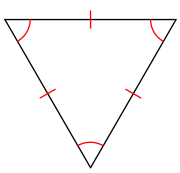
12) acute obtuse

A)

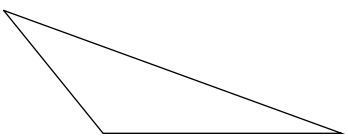


B) Not possible

C)

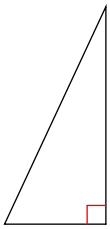


D)



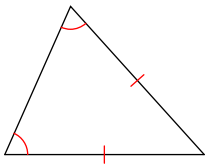
13) scalene isosceles

A)

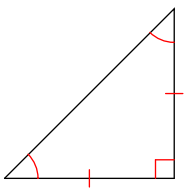


B) Not possible

C)

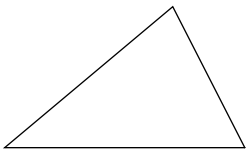


D)

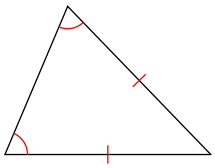


14) acute right

A)

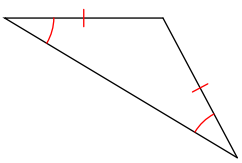


B)



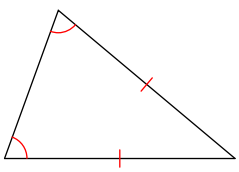
C) Not possible

D)

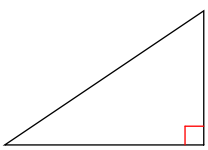


15) right scalene

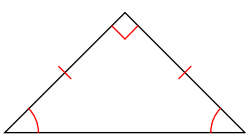
A)



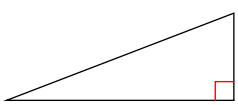
B)



C)

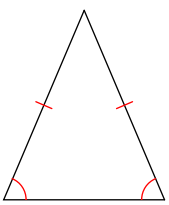


D)



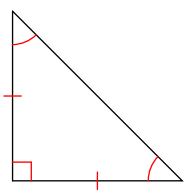
16) right isosceles

A)

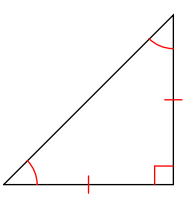


B) Not possible

C)

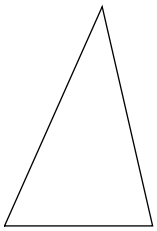


D)

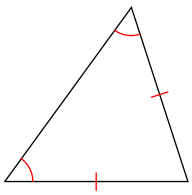


17) acute isosceles

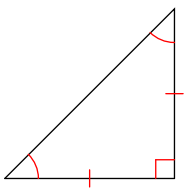
A)



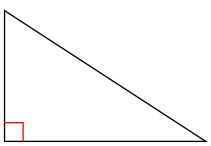
B)



C)

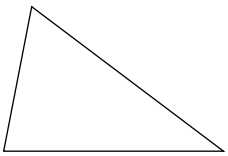


D)

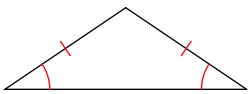


18) acute scalene

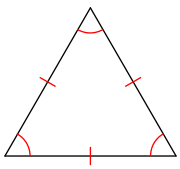
A)



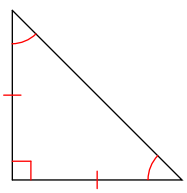
B)



C)

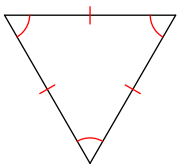


D)

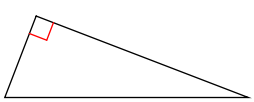


19) equilateral

A)

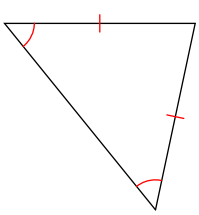


B)



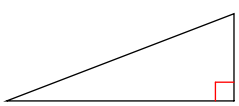
C) Not possible

D)

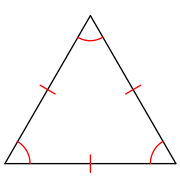


20) acute scalene

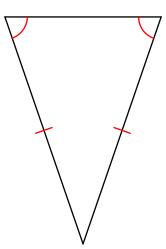
A)



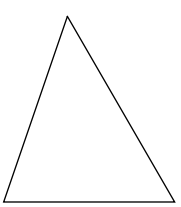
B)



C)

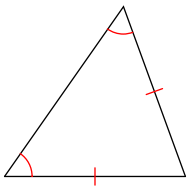


D)

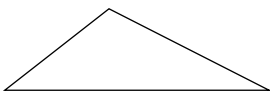


21) obtuse scalene

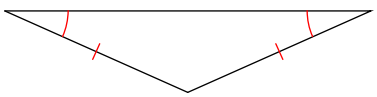
A)



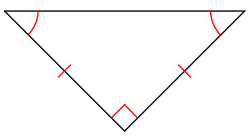
B)



C)

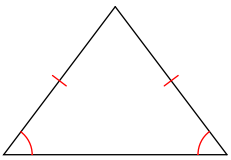


D)

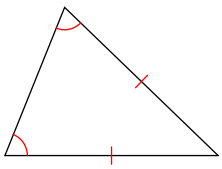


22) acute isosceles

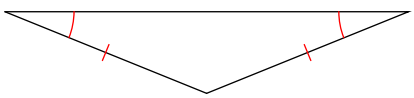
A)



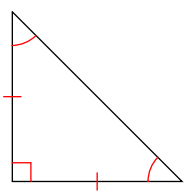
B)



C)

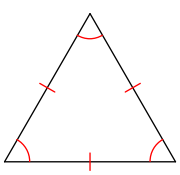


D)

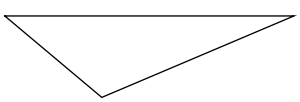


23) obtuse scalene

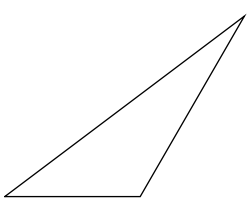
A)



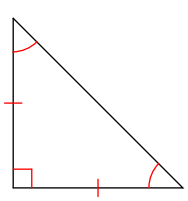
B)



C)

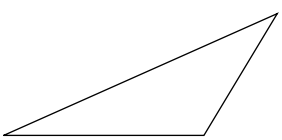


D)

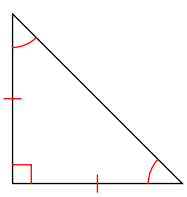


24) obtuse scalene

A)

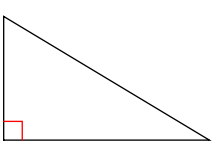


B)



C) Not possible

D)



Answers to Assignment (ID: 2)

1) A
2) B
3) D
4) D
5) A
6) A
7) B
8) D
9) A
10) A
11) B
12) B
13) B
14) C
15) B
16) C
17) B
18) A
19) A
20) D
21) B
22) A
23) B
24) A

Geometry Name_____

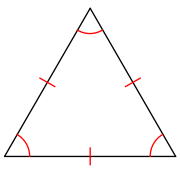
Assignment

Date_____ Period____

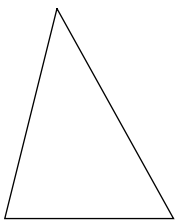
Sketch an example of the type of triangle described. Mark the triangle to indicate what information is known. If no triangle can be drawn, write "not possible."

1) acute scalene

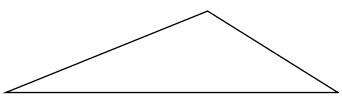
A)



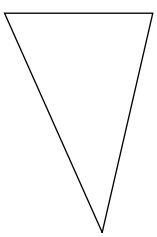
B)



C)

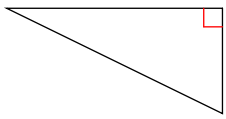


D)



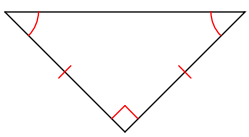
2) right isosceles

A)

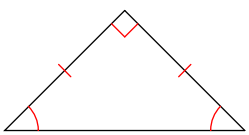


B) Not possible

C)

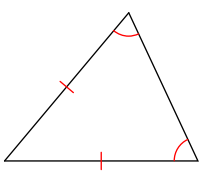


D)

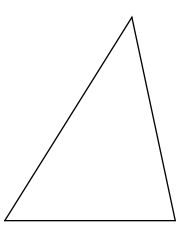


3) acute scalene

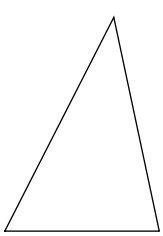
A)



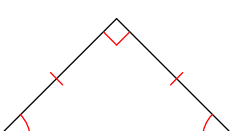
B)



C)

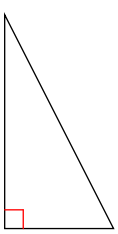


D)

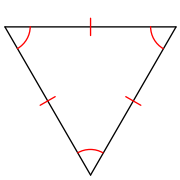


4) right scalene

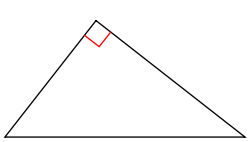
A)



B)



C)

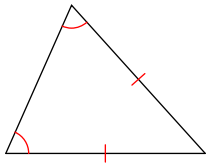


D) Not possible

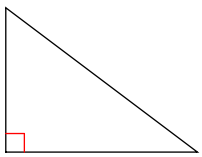
5) right scalene

A) Not possible

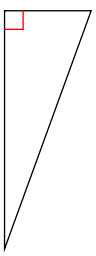
B)



C)

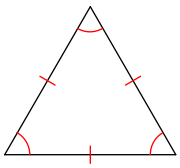


D)

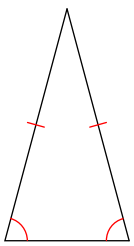


6) equilateral

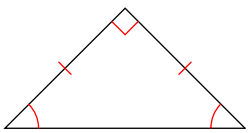
A)



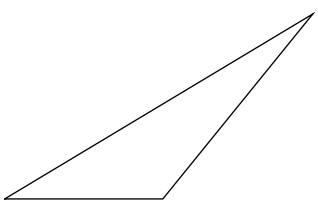
B)



C)

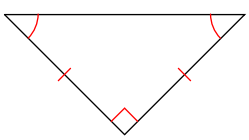


D)

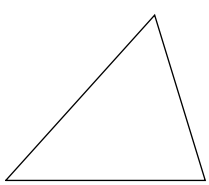


7) acute isosceles

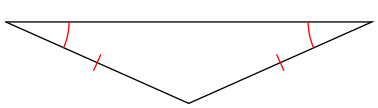
A)



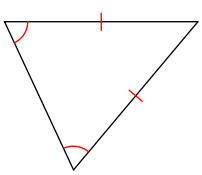
B)



C)

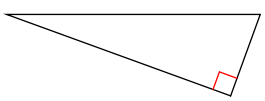


D)

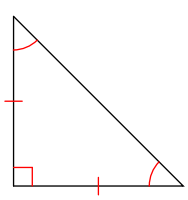


8) right scalene

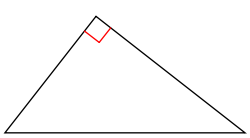
A)



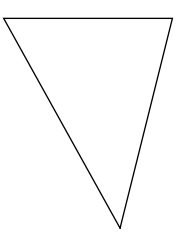
B)



C)

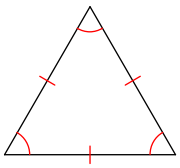


D)

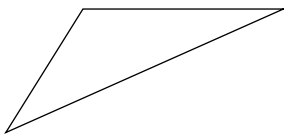


9) right equilateral

A)

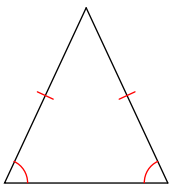


B)



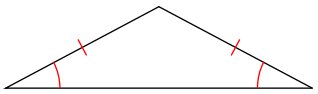
C) Not possible

D)

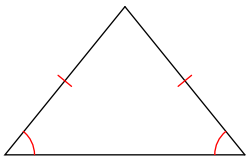


10) obtuse equilateral

A)

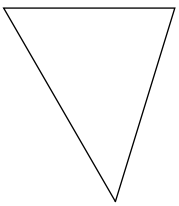


B)



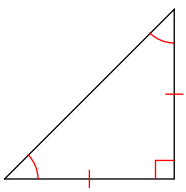
C) Not possible

D)



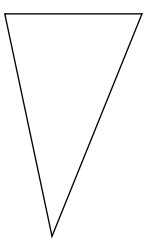
11) acute right

A)

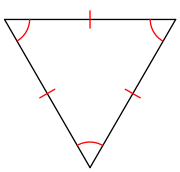


B) Not possible

C)

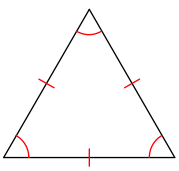


D)



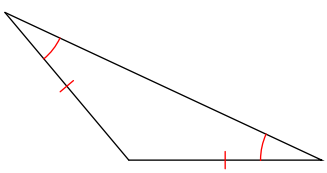
12) acute obtuse

A)

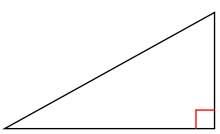


B) Not possible

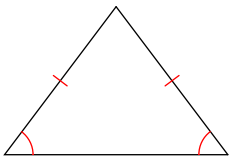
C)

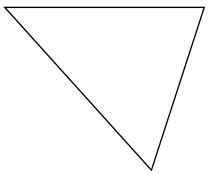


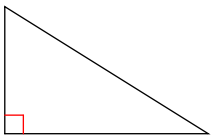
D)

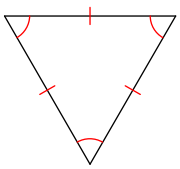


13) equilateral

A) 

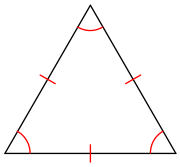
B) 

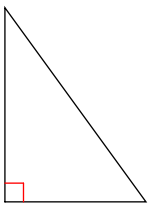
C) 

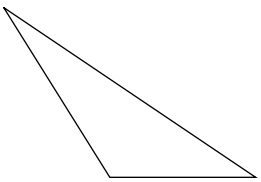
D) 

14) obtuse scalene

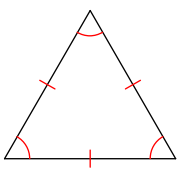
A) Not possible

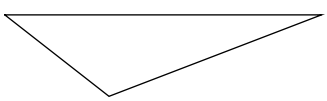
B) 

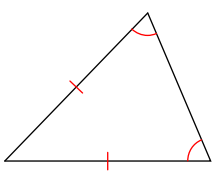
C) 

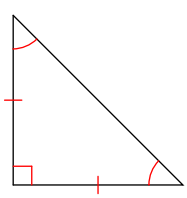
D) 

15) equilateral

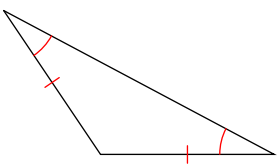
A) 

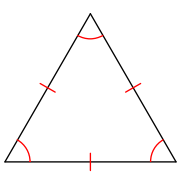
B) 

C) 

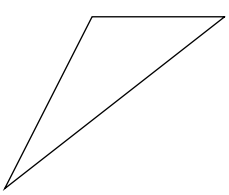
D) 

16) obtuse scalene

A) 

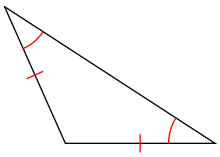
B) 

C) Not possible

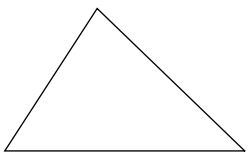
D) 

17) acute isosceles

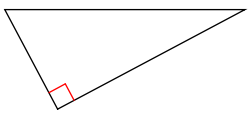
A)



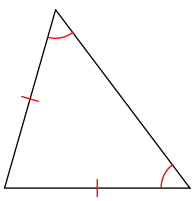
B)



C)

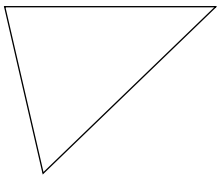


D)

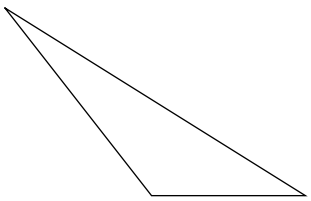


18) obtuse scalene

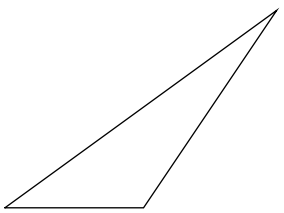
A)



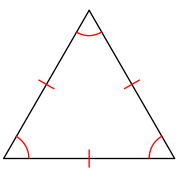
B)



C)

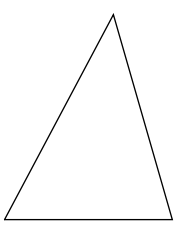


D)

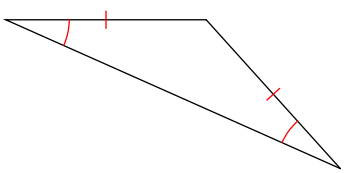


19) acute scalene

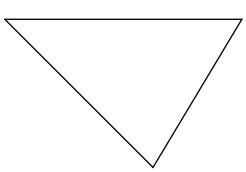
A)



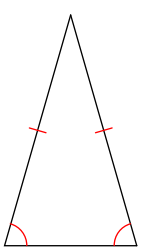
B)



C)

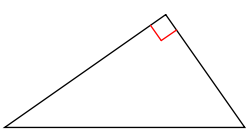


D)

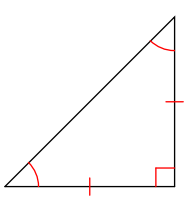


20) right isosceles

A)

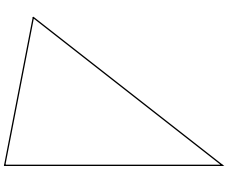


B)

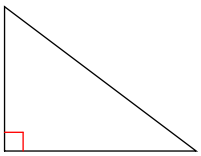


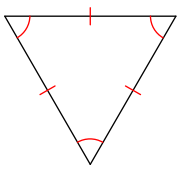
C) Not possible

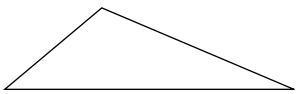
D)

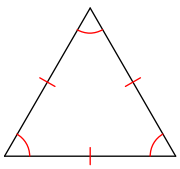


21) equilateral

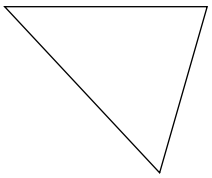
A) 

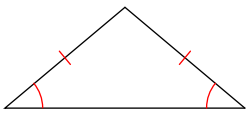
B) 

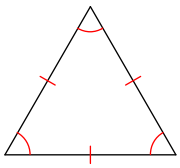
C) 

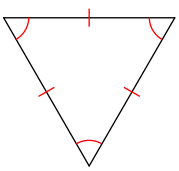
D) 

22) equilateral

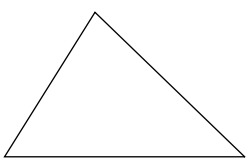
A) 

B) 

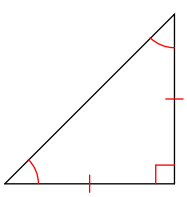
C) 

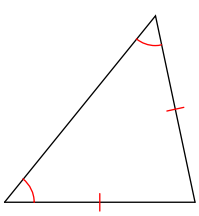
D) 

23) acute isosceles

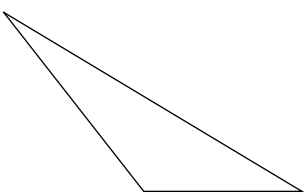
A) 

B) Not possible

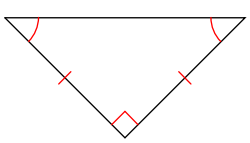
C) 

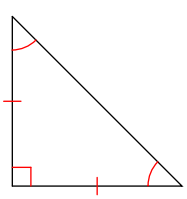
D) 

24) right isosceles

A) 

B) Not possible

C) 

D) 

Answers to Assignment (ID: 3)

1) D
2) C
3) B
4) C
5) C
6) A
7) D
8) A
9) C
10) C
11) B
12) B
13) D
14) D
15) A
16) D
17) D
18) C
19) C
20) B
21) D
22) D
23) D
24) C

Geometry Name_____

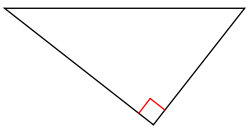
Assignment

Date_____ Period____

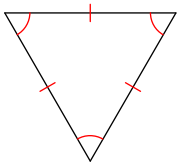
Sketch an example of the type of triangle described. Mark the triangle to indicate what information is known. If no triangle can be drawn, write "not possible."

1) acute scalene

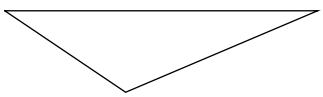
A)



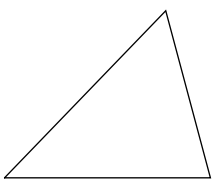
B)



C)

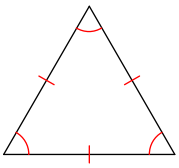


D)

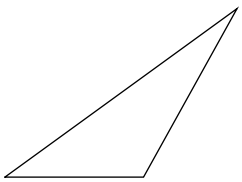


2) obtuse scalene

A)

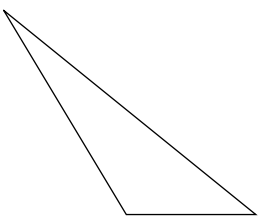


B)



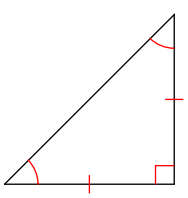
C) Not possible

D)

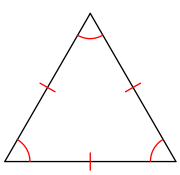


3) right isosceles

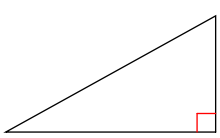
A)



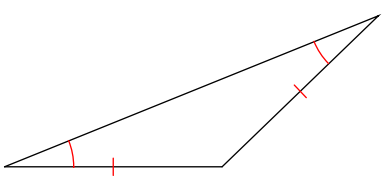
B)



C)

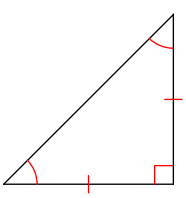


D)

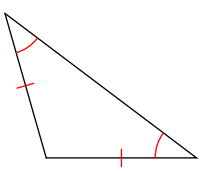


4) right isosceles

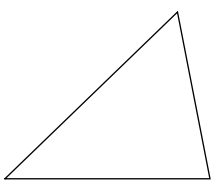
A)



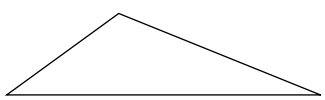
B)



C)

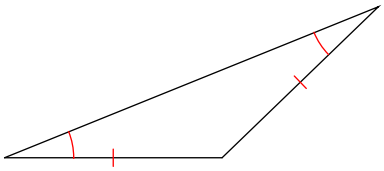


D)

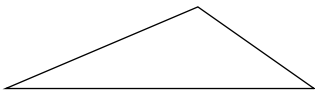


5) equilateral

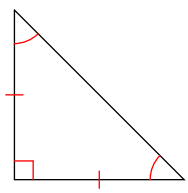
A)



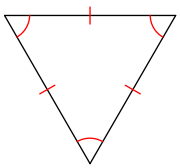
B)



C)

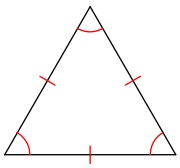


D)

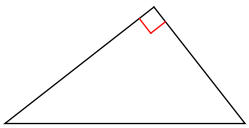


6) right scalene

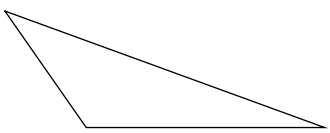
A)



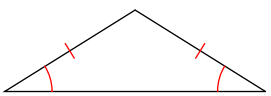
B)



C)

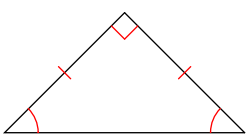


D)



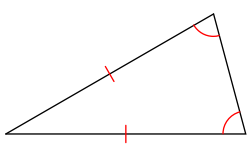
7) right obtuse

A)

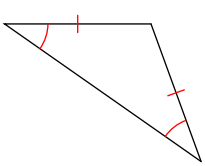


B) Not possible

C)



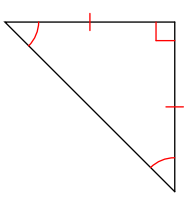
D)



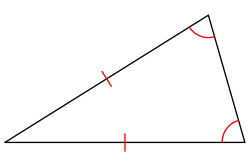
8) scalene isosceles

A) Not possible

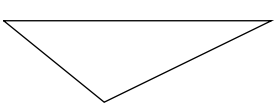
B)



C)



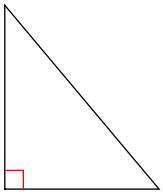
D)



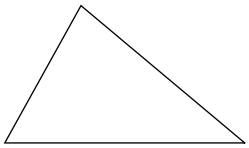
9) acute right

A) Not possible

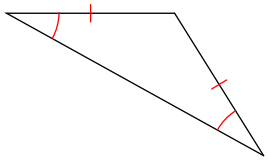
B)



C)

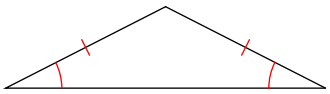


D)



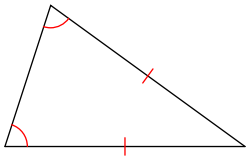
10) acute right

A)

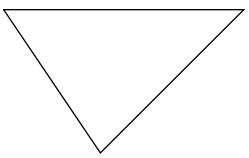


B) Not possible

C)

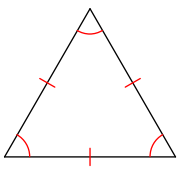


D)

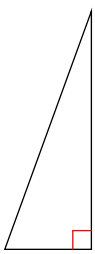


11) right equilateral

A)

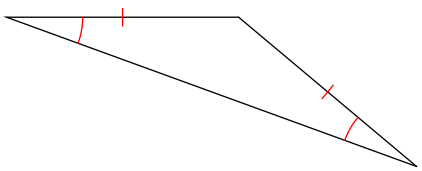


B)



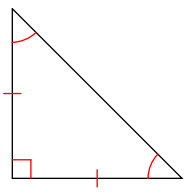
C) Not possible

D)

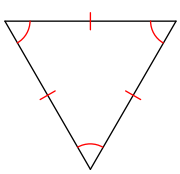


12) obtuse equilateral

A)

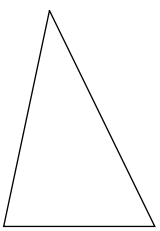


B)



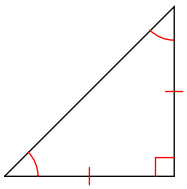
C) Not possible

D)

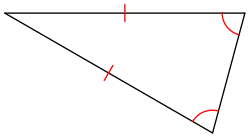


13) acute isosceles

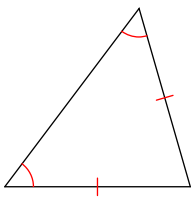
A)



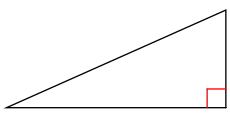
B)



C)

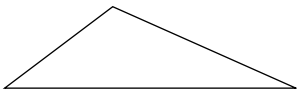


D)

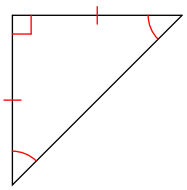


14) right isosceles

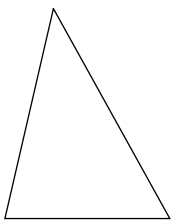
A)



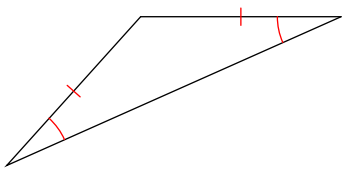
B)



C)

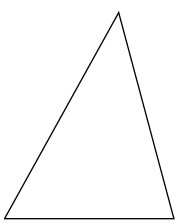


D)

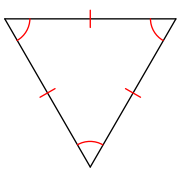


15) equilateral

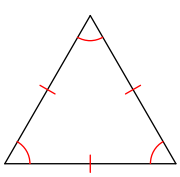
A)



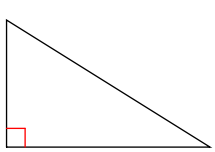
B)



C)

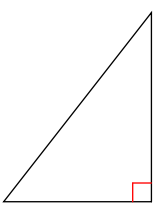


D)

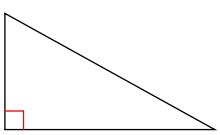


16) right scalene

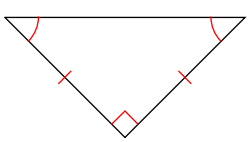
A)



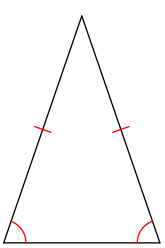
B)



C)



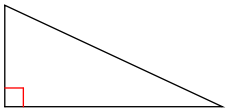
D)



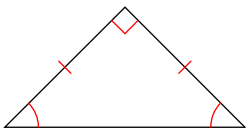
17) equilateral

A) Not possible

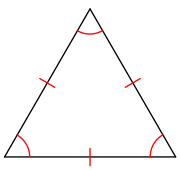
B)



C)

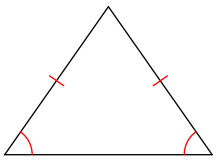


D)

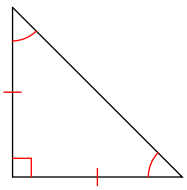


18) acute isosceles

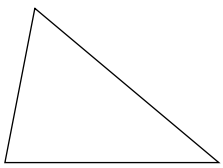
A)



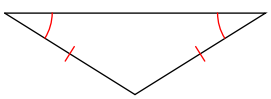
B)



C)

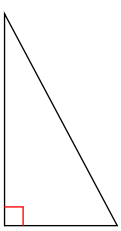


D)

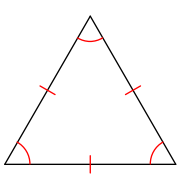


19) equilateral

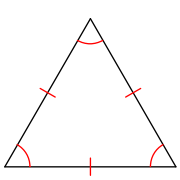
A)



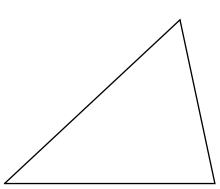
B)



C)

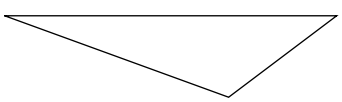


D)

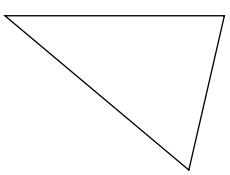


20) obtuse scalene

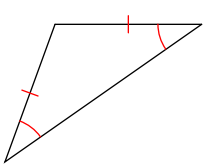
A)



B)



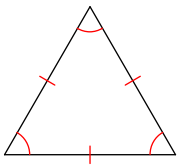
C)



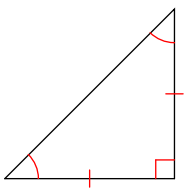
D) Not possible

21) obtuse scalene

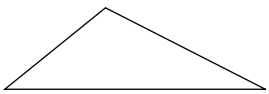
A)



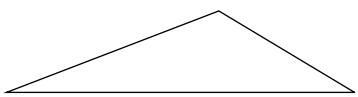
B)



C)

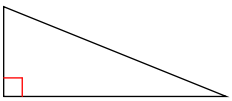


D)

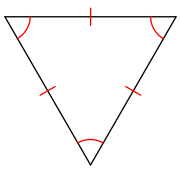


22) acute isosceles

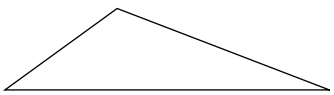
A)



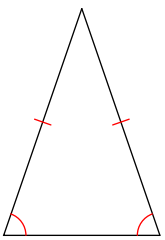
B)



C)

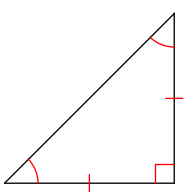


D)

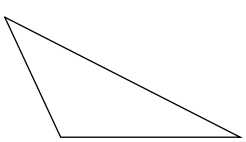


23) right isosceles

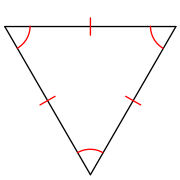
A)



B)



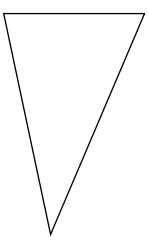
C)



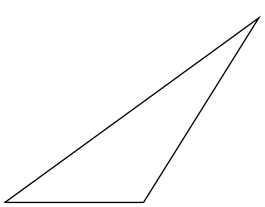
D) Not possible

24) acute scalene

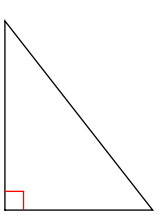
A)



B)



C)



D) Not possible

Answers to Assignment (ID: 4)

1) D
2) D
3) A
4) A
5) D
6) B
7) B
8) A
9) A
10) B
11) C
12) C
13) C
14) B
15) B
16) A
17) D
18) A
19) B
20) A
21) D
22) D
23) A
24) A

Geometry Name_____

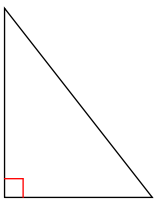
Assignment

Date_____ Period____

Sketch an example of the type of triangle described. Mark the triangle to indicate what information is known. If no triangle can be drawn, write "not possible."

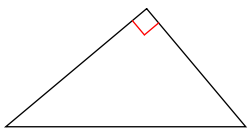
1) right scalene

A)

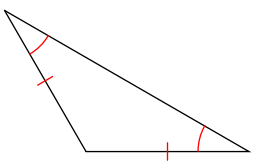


B) Not possible

C)

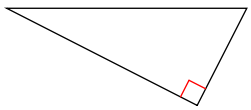


D)

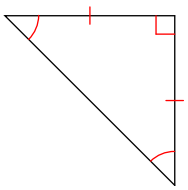


2) right isosceles

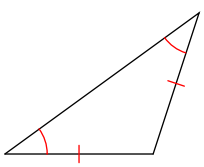
A)



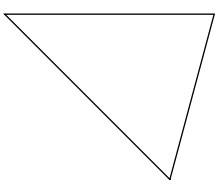
B)



C)

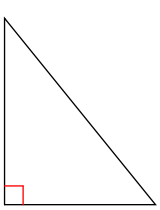


D)

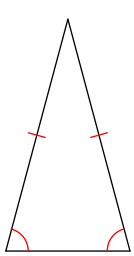


3) equilateral

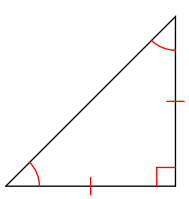
A)



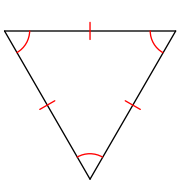
B)



C)

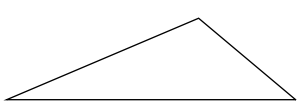


D)

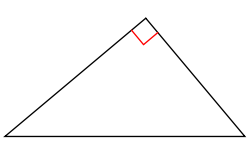


4) right scalene

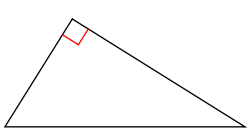
A)



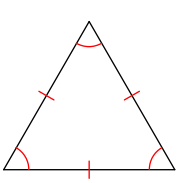
B)



C)

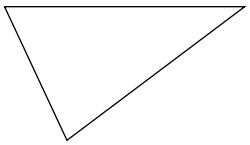


D)

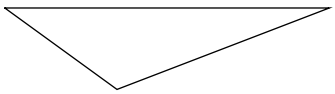


5) obtuse scalene

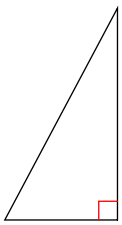
A)



B)



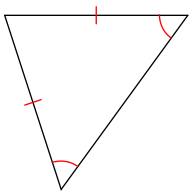
C)



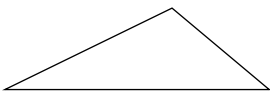
D) Not possible

6) acute isosceles

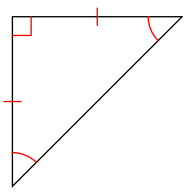
A)



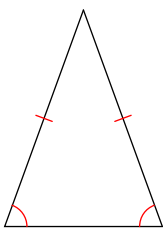
B)



C)

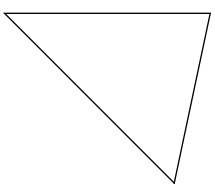


D)

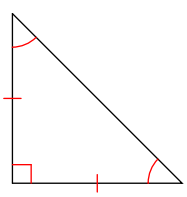


7) acute isosceles

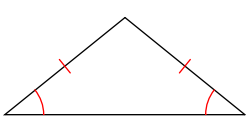
A)



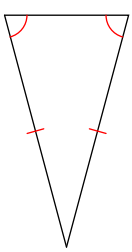
B)



C)

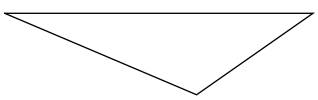


D)

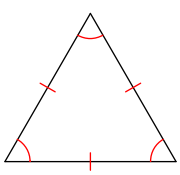


8) obtuse scalene

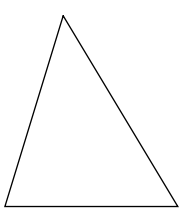
A)



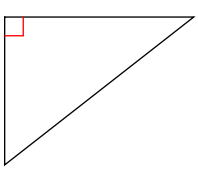
B)



C)

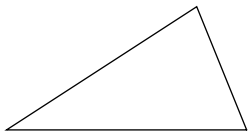


D)

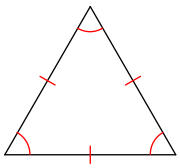


9) acute scalene

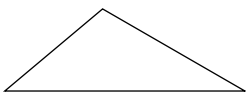
A)



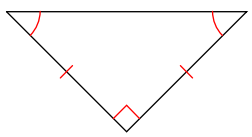
B)



C)

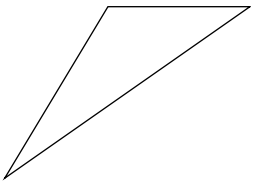


D)

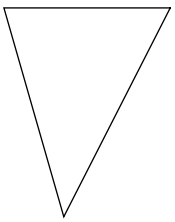


10) acute scalene

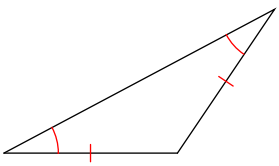
A)



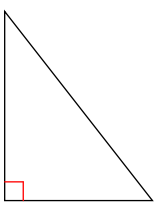
B)



C)



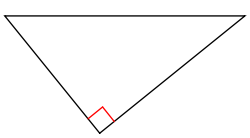
D)



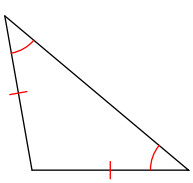
11) acute obtuse

A) Not possible

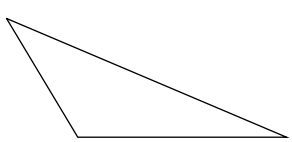
B)



C)

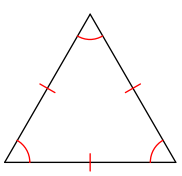


D)

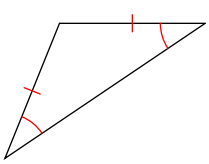


12) scalene isosceles

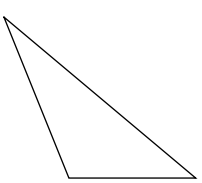
A)



B)



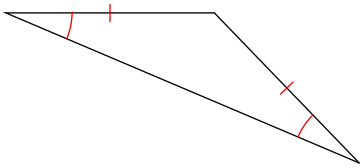
C)

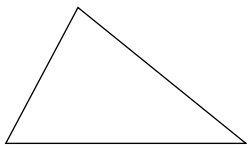


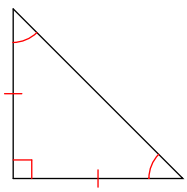
D) Not possible

13) obtuse equilateral

A) Not possible

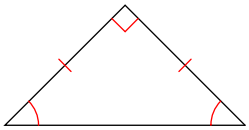
B) 

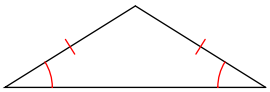
C) 

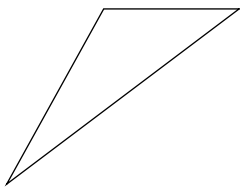
D) 

14) right obtuse

A) Not possible

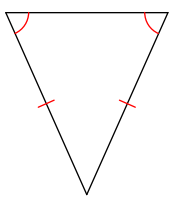
B) 

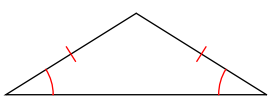
C) 

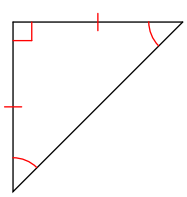
D) 

15) scalene isosceles

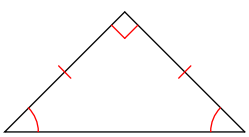
A) Not possible

B) 

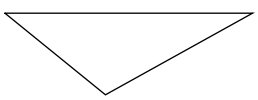
C) 

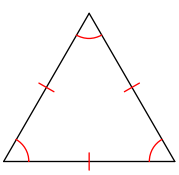
D) 

16) right equilateral

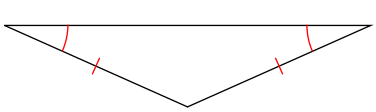
A) 

B) Not possible

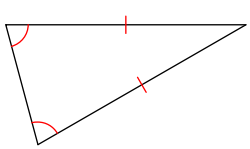
C) 

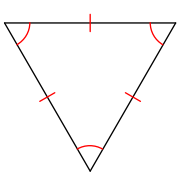
D) 

17) acute isosceles

A) 

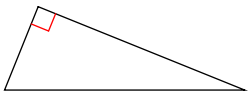
B) Not possible

C) 

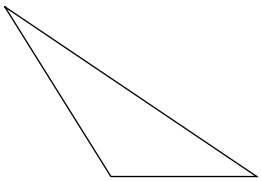
D) 

18) obtuse scalene

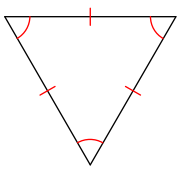
A)



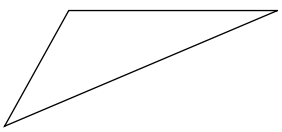
B)



C)

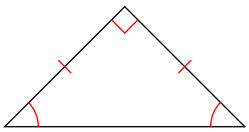


D)

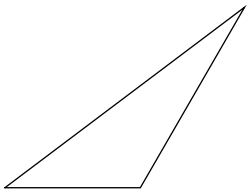


19) obtuse scalene

A)

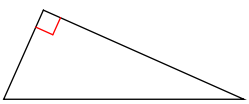


B)



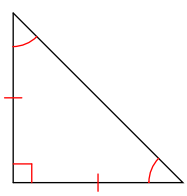
C) Not possible

D)

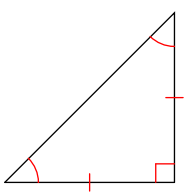


20) right isosceles

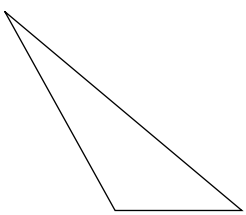
A)



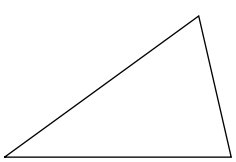
B)



C)

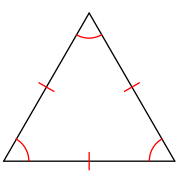


D)

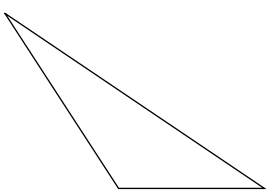


21) acute scalene

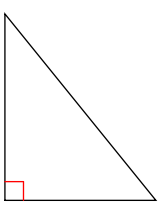
A)



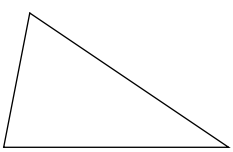
B)



C)

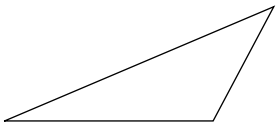


D)

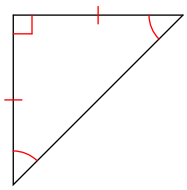


22) right scalene

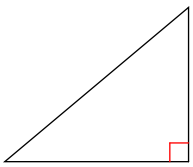
A)



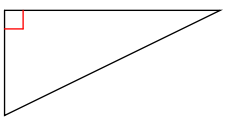
B)



C)

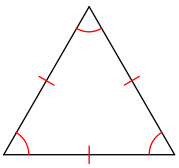


D)

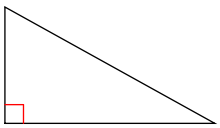


23) right scalene

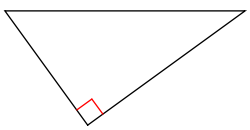
A)



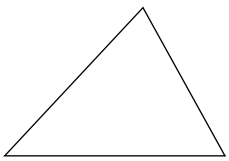
B)



C)

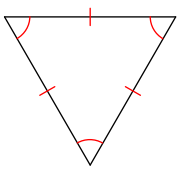


D)

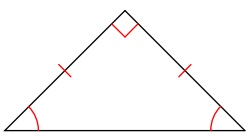


24) equilateral

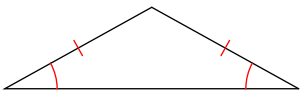
A)



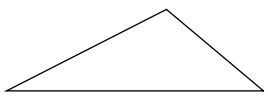
B)



C)



D)



Answers to Assignment (ID: 5)

1) A
2) B
3) D
4) C
5) B
6) D
7) D
8) A
9) A
10) B
11) A
12) D
13) A
14) A
15) A
16) B
17) C
18) D
19) B
20) A
21) D
22) C
23) C
24) A

Geometry Name_____

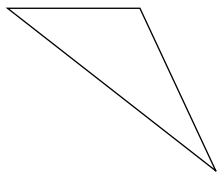
Assignment

Date_____ Period____

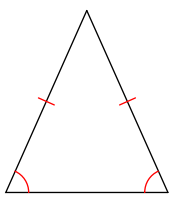
Sketch an example of the type of triangle described. Mark the triangle to indicate what information is known. If no triangle can be drawn, write "not possible."

1) obtuse scalene

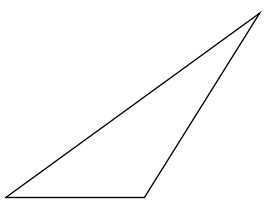
A)



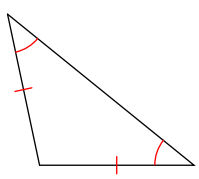
B)



C)

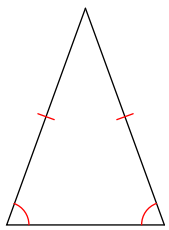


D)

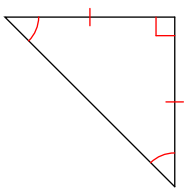


2) acute isosceles

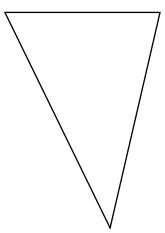
A)



B)



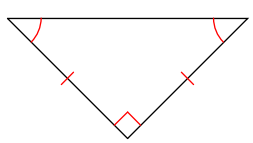
C)



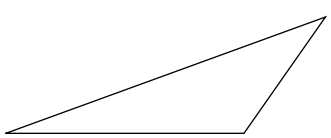
D) Not possible

3) obtuse scalene

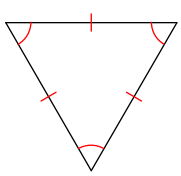
A)



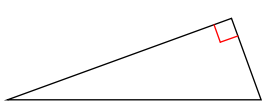
B)



C)



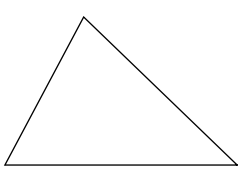
D)



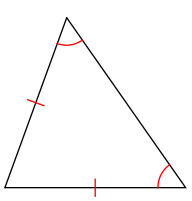
4) acute isosceles

A) Not possible

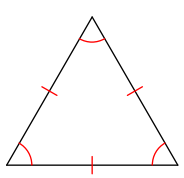
B)



C)

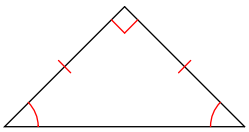


D)



5) right isosceles

A)



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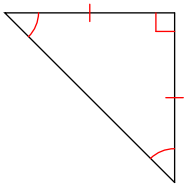
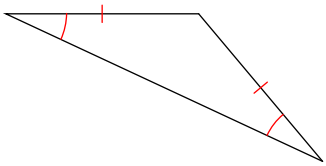
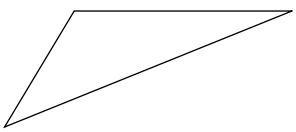


C)

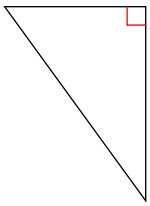


D)



6) acute scalene

A)



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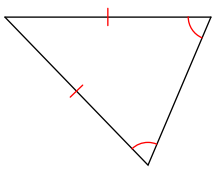
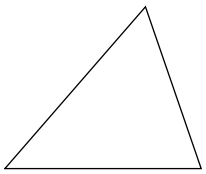
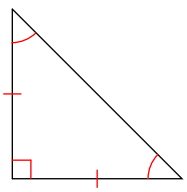


C)

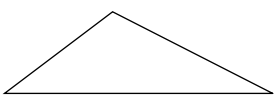


D)



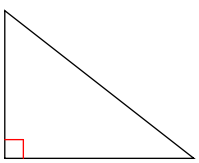
7) right scalene

A)

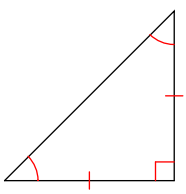


B) Not possible

C)

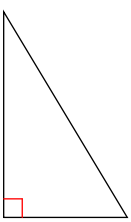


D)

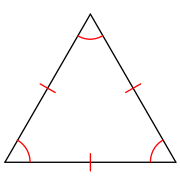


8) equilateral

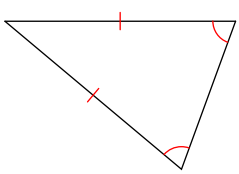
A)



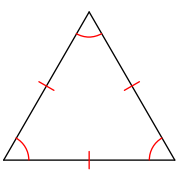
B)



C)

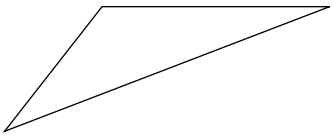


D)

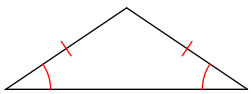


9) acute isosceles

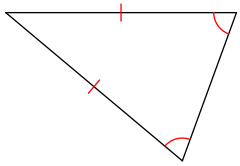
A)



B)



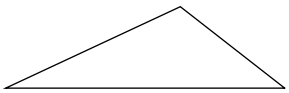
C)



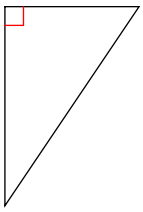
D) Not possible

10) right scalene

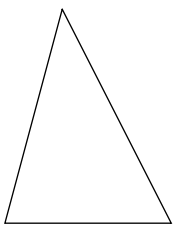
A)



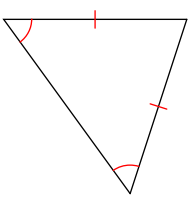
B)



C)



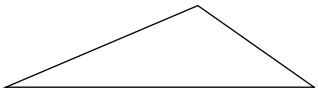
D)



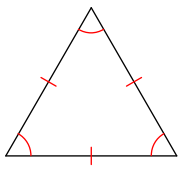
11) obtuse scalene

A) Not possible

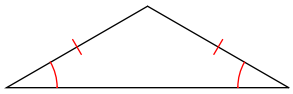
B)



C)

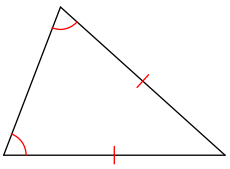


D)

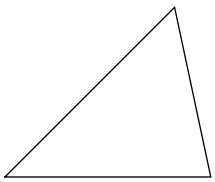


12) acute isosceles

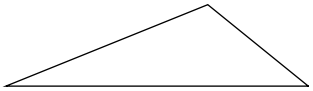
A)



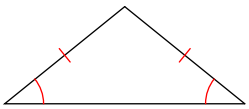
B)



C)

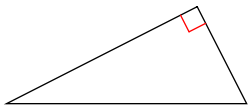


D)

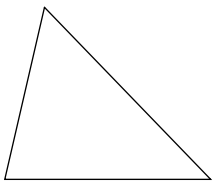


13) acute obtuse

A)

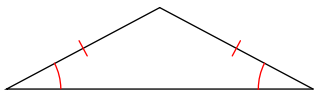


B)



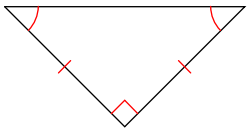
C) Not possible

D)

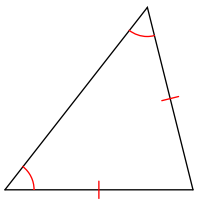


14) obtuse equilateral

A)

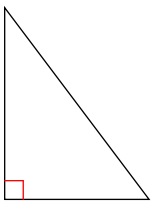


B)



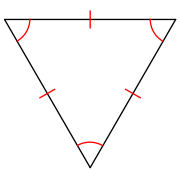
C) Not possible

D)

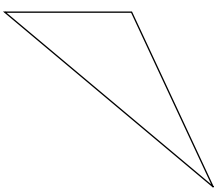


15) obtuse equilateral

A)

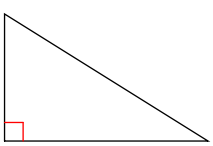


B)



C) Not possible

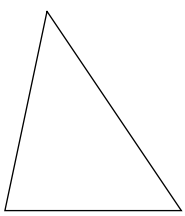
D)



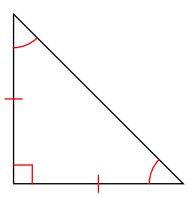
16) acute obtuse

A) Not possible

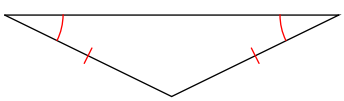
B)



C)

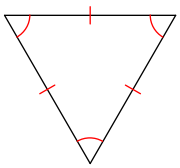


D)



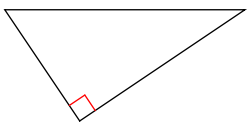
17) equilateral

A)

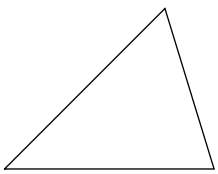


B) Not possible

C)

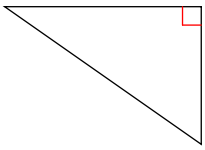


D)

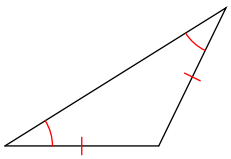


18) scalene isosceles

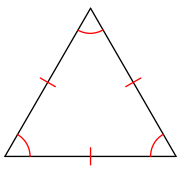
A)



B)



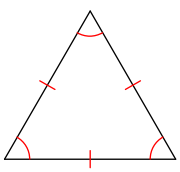
C)



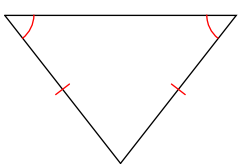
D) Not possible

19) equilateral

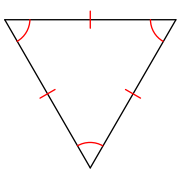
A)



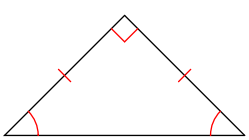
B)



C)



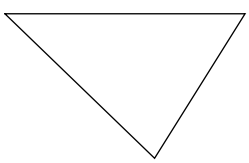
D)



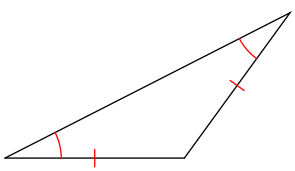
20) acute isosceles

A) Not possible

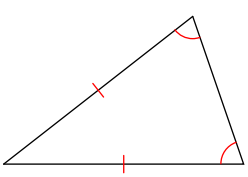
B)



C)

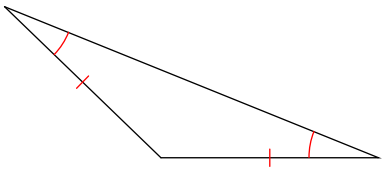


D)

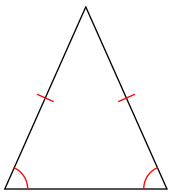


21) obtuse scalene

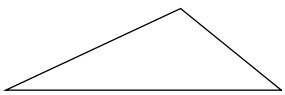
A)



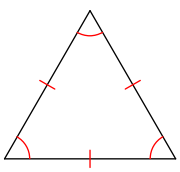
B)



C)

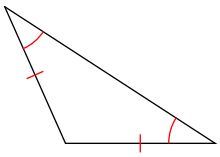


D)



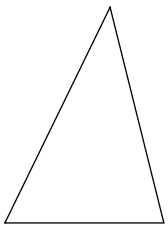
22) acute scalene

A)

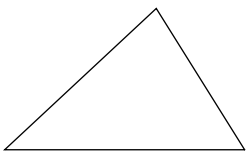


B) Not possible

C)

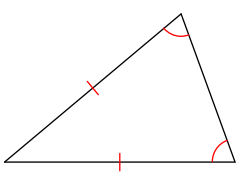


D)

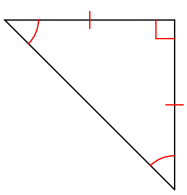


23) right isosceles

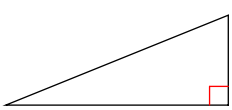
A)



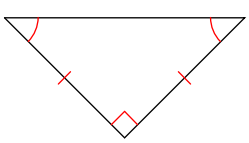
B)



C)

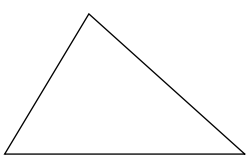


D)

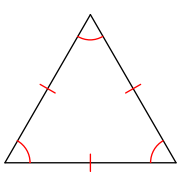


24) equilateral

A)

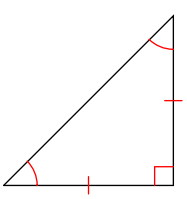


B)



C) Not possible

D)



Answers to Assignment (ID: 6)

1) C
2) A
3) B
4) C
5) B
6) C
7) C
8) B
9) C
10) B
11) B
12) A
13) C
14) C
15) C
16) A
17) A
18) D
19) A
20) D
21) C
22) D
23) B
24) B

Geometry Name_____

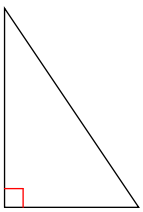
Assignment

Date_____ Period____

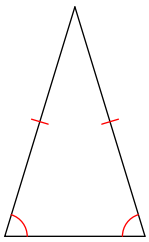
Sketch an example of the type of triangle described. Mark the triangle to indicate what information is known. If no triangle can be drawn, write "not possible."

1) right scalene

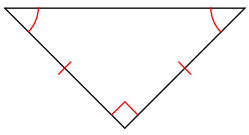
A)



B)



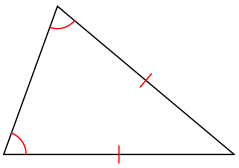
C)



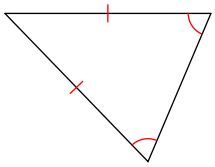
D) Not possible

2) acute isosceles

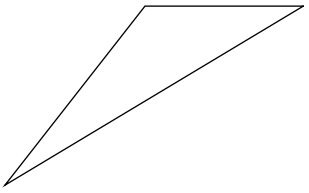
A)



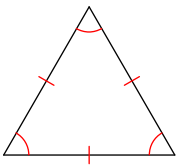
B)



C)

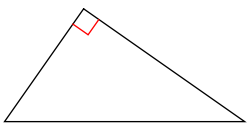


D)

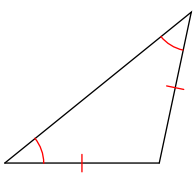


3) equilateral

A)

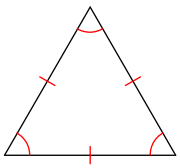


B)



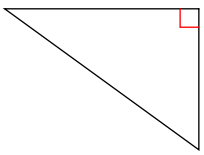
C) Not possible

D)

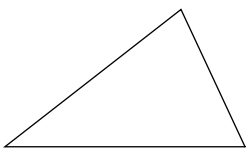


4) right scalene

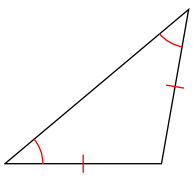
A)



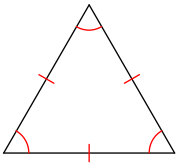
B)



C)



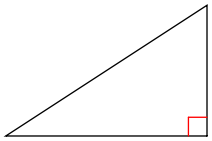
D)



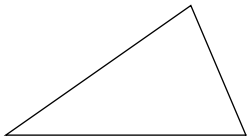
5) right scalene

A) Not possible

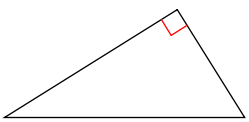
B)



C)

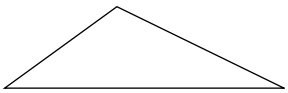


D)

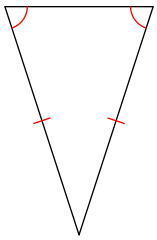


6) obtuse scalene

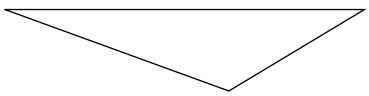
A)



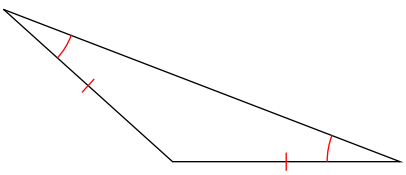
B)



C)

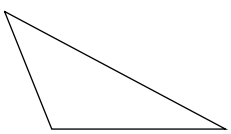


D)

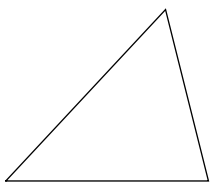


7) acute scalene

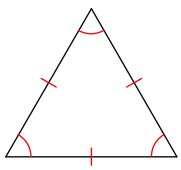
A)



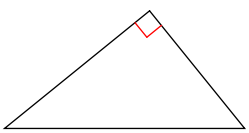
B)



C)

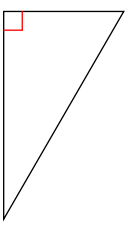


D)

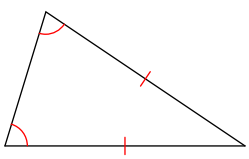


8) acute isosceles

A)

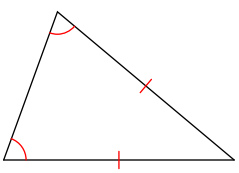


B)



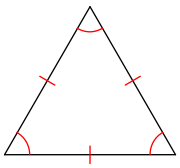
C) Not possible

D)

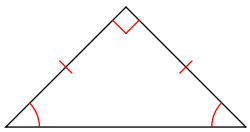


9) right isosceles

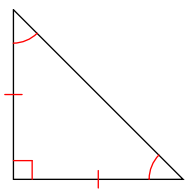
A)



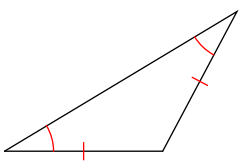
B)



C)



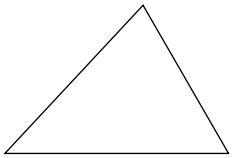
D)



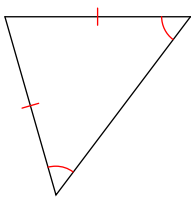
10) acute scalene

A) Not possible

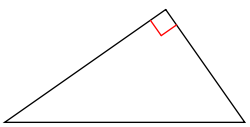
B)



C)

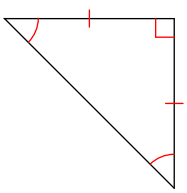


D)

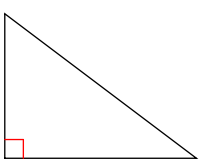


11) equilateral

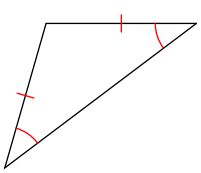
A)



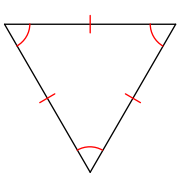
B)



C)

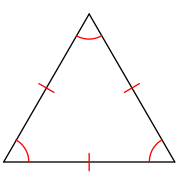


D)



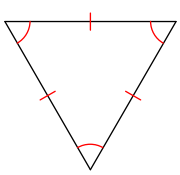
12) equilateral

A)

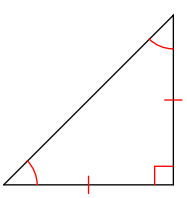


B) Not possible

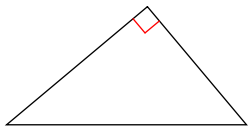
C)

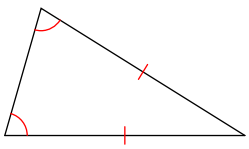


D)

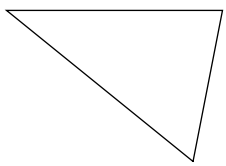


13) right obtuse

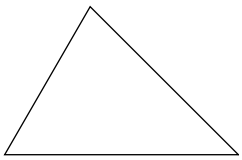
A) 

B) 

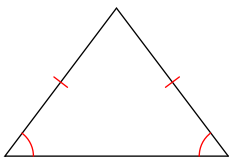
C) Not possible

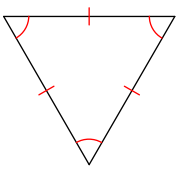
D) 

14) right equilateral

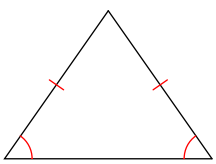
A) 

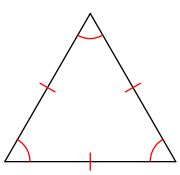
B) Not possible

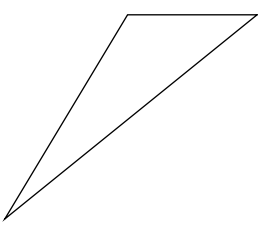
C) 

D) 

15) right equilateral

A) 

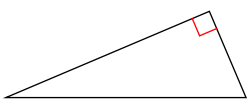
B) 

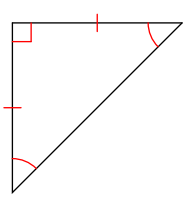
C) 

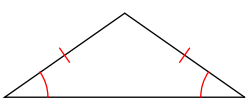
D) Not possible

16) acute right

A) Not possible

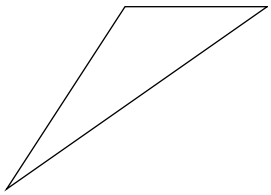
B) 

C) 

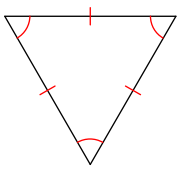
D) 

17) acute obtuse

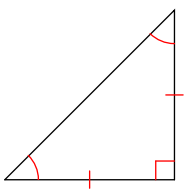
A)



B)



C)

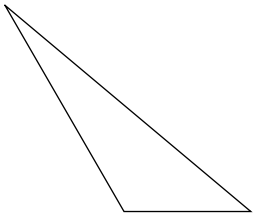


D) Not possible

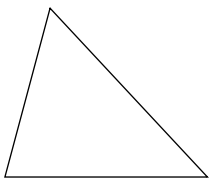
18) right equilateral

A) Not possible

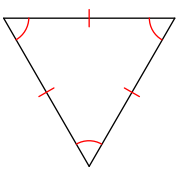
B)



C)

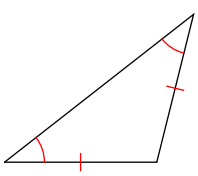


D)

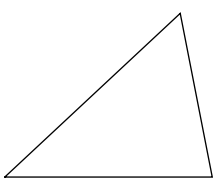


19) acute scalene

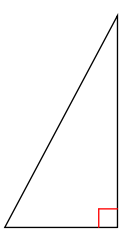
A)



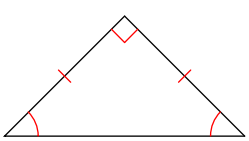
B)



C)

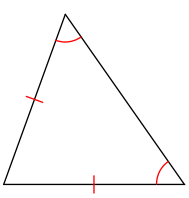


D)

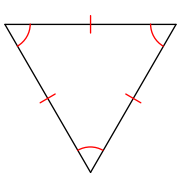


20) right isosceles

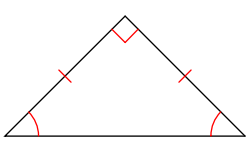
A)



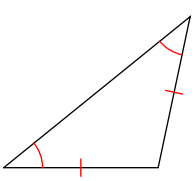
B)



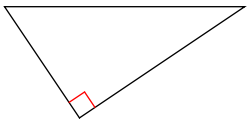
C)

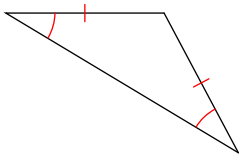


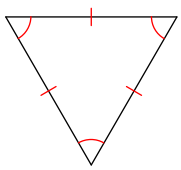
D)

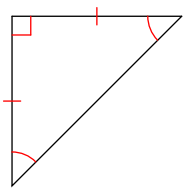


21) right scalene

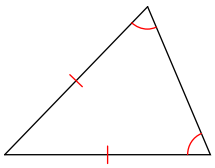
A) 

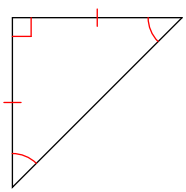
B) 

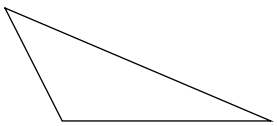
C) 

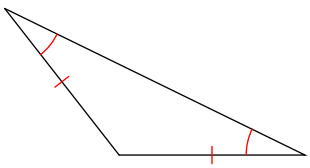
D) 

22) obtuse scalene

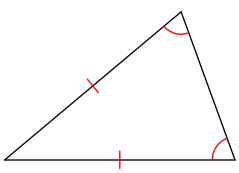
A) 

B) 

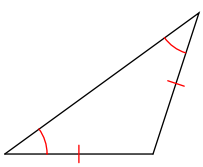
C) 

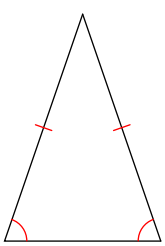
D) 

23) acute isosceles

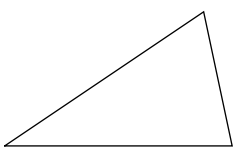
A) 

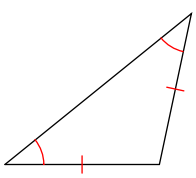
B) Not possible

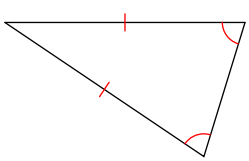
C) 

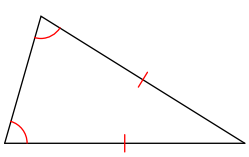
D) 

24) acute isosceles

A) 

B) 

C) 

D) 

Answers to Assignment (ID: 7)

1) A
2) A
3) D
4) A
5) D
6) C
7) B
8) D
9) C
10) B
11) D
12) C
13) C
14) B
15) D
16) A
17) D
18) A
19) B
20) C
21) A
22) C
23) A
24) C

Geometry Name_____

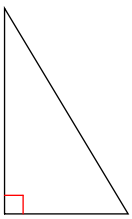
Assignment

Date_____ Period____

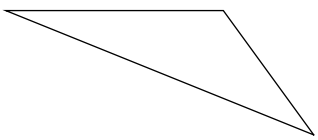
Sketch an example of the type of triangle described. Mark the triangle to indicate what information is known. If no triangle can be drawn, write "not possible."

1) acute scalene

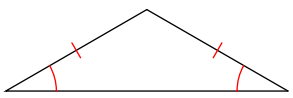
A)



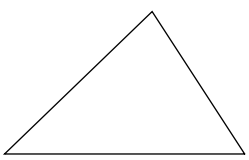
B)



C)

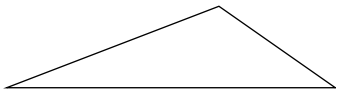


D)

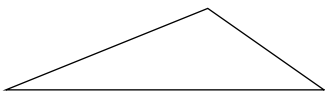


2) obtuse scalene

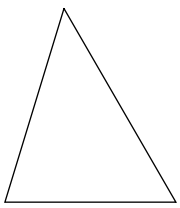
A)



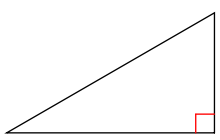
B)



C)

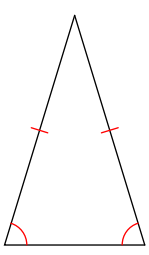


D)

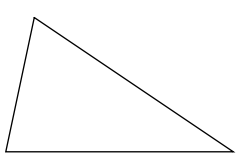


3) acute scalene

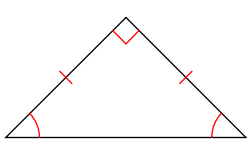
A)



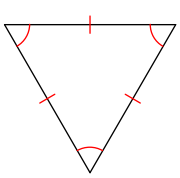
B)



C)

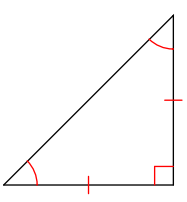


D)



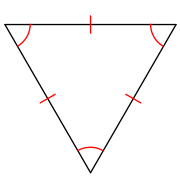
4) right isosceles

A)

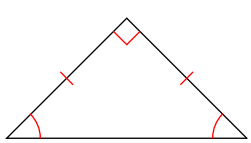


B) Not possible

C)

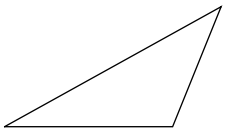


D)

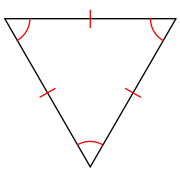


5) equilateral

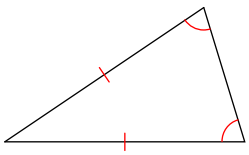
A)



B)



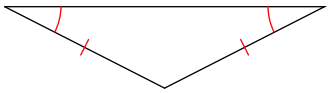
C)



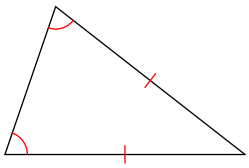
D) Not possible

6) right scalene

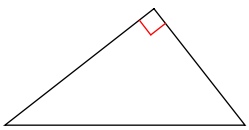
A)



B)



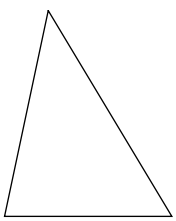
C)



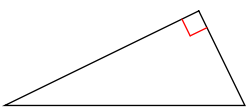
D) Not possible

7) acute isosceles

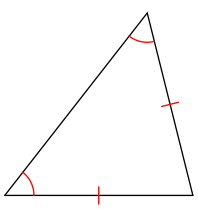
A)



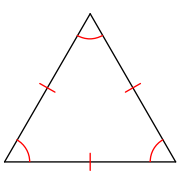
B)



C)

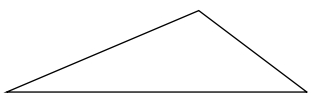


D)

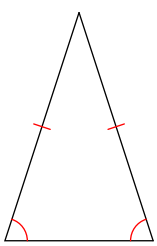


8) acute isosceles

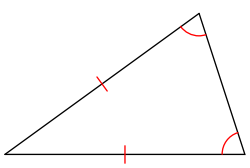
A)



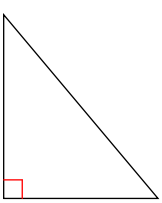
B)



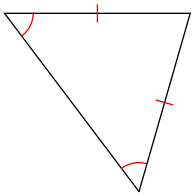
C)

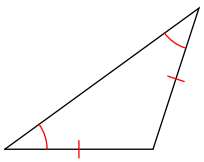


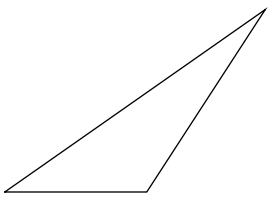
D)

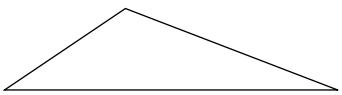


9) obtuse scalene

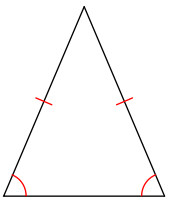
A) 

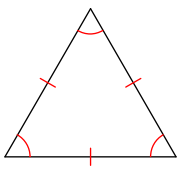
B) 

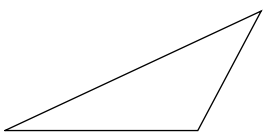
C) 

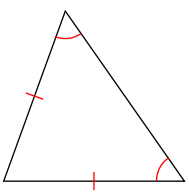
D) 

10) acute isosceles

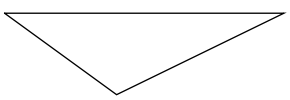
A) 

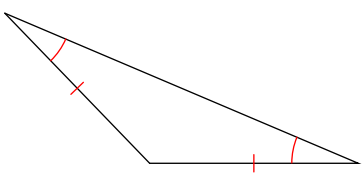
B) 

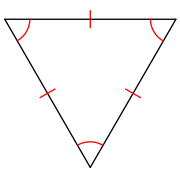
C) 

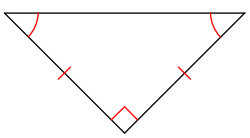
D) 

11) right isosceles

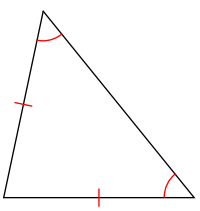
A) 

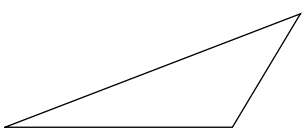
B) 

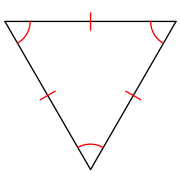
C) 

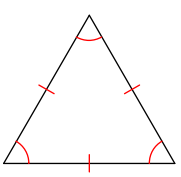
D) 

12) equilateral

A) 

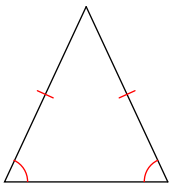
B) 

C) 

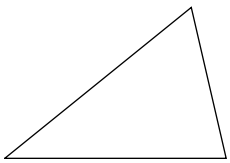
D) 

13) acute scalene

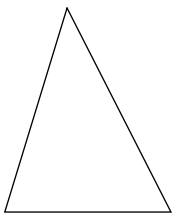
A)



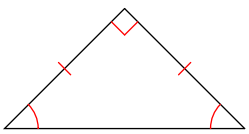
B)



C)

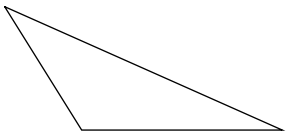


D)

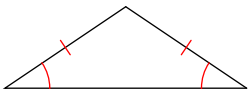


14) right obtuse

A)

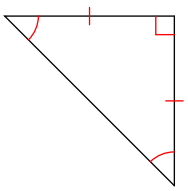


B)



C) Not possible

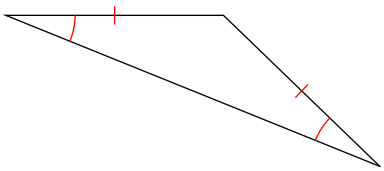
D)



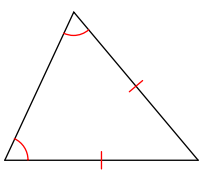
15) scalene isosceles

A) Not possible

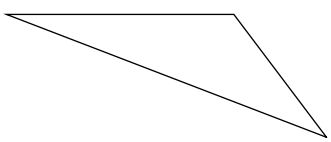
B)



C)

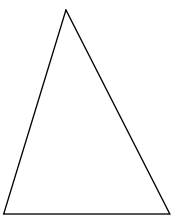


D)

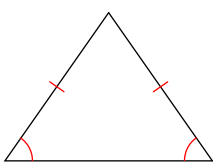


16) scalene isosceles

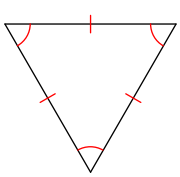
A)



B)



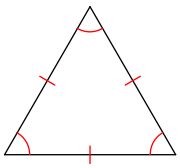
C)



D) Not possible

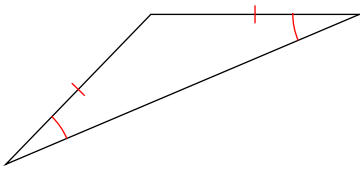
17) acute right

A)

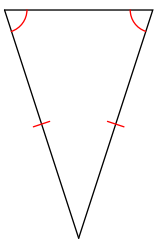


B) Not possible

C)

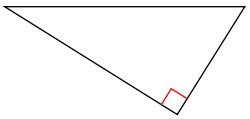


D)



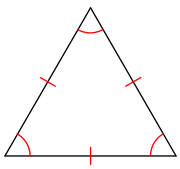
18) right equilateral

A)

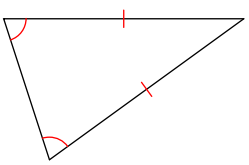


B) Not possible

C)

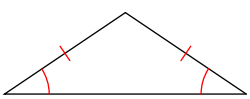


D)

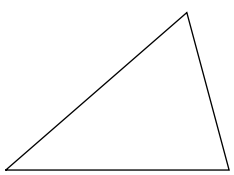


19) right isosceles

A)

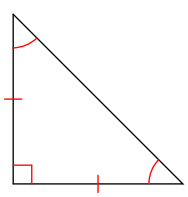


B)



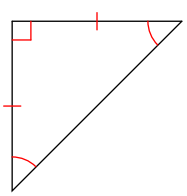
C) Not possible

D)

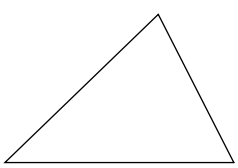


20) right isosceles

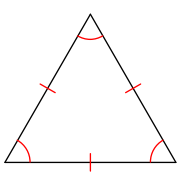
A)



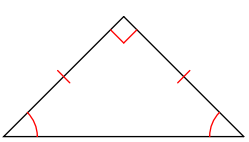
B)



C)

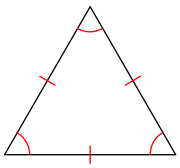


D)



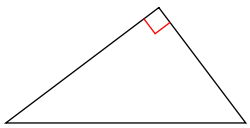
21) right scalene

A)

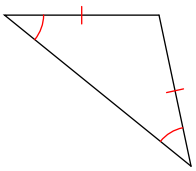


B) Not possible

C)

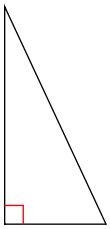


D)

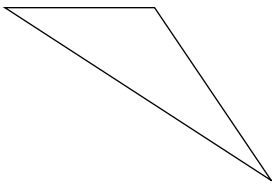


22) equilateral

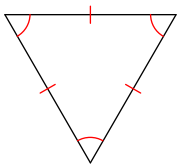
A)



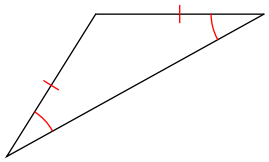
B)



C)

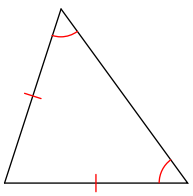


D)

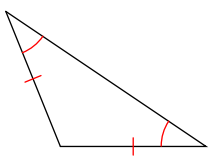


23) acute isosceles

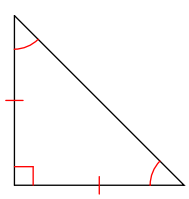
A)



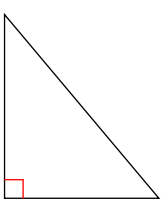
B)



C)

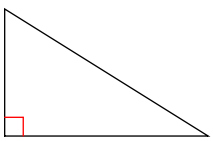


D)

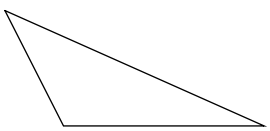


24) right scalene

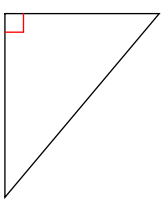
A)



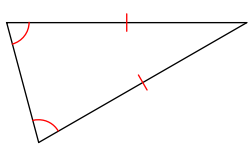
B)



C)



D)



Answers to Assignment (ID: 8)

1) D
2) A
3) B
4) D
5) B
6) C
7) C
8) B
9) D
10) A
11) D
12) C
13) C
14) C
15) A
16) D
17) B
18) B
19) D
20) D
21) C
22) C
23) A
24) A

Geometry Name_____

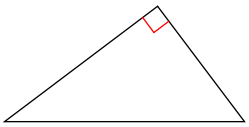
Assignment

Date_____ Period____

Sketch an example of the type of triangle described. Mark the triangle to indicate what information is known. If no triangle can be drawn, write "not possible."

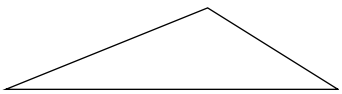
1) obtuse scalene

A)

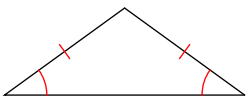


B) Not possible

C)

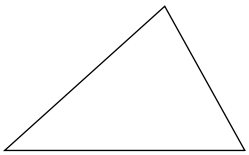


D)

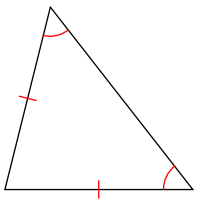


2) acute isosceles

A)

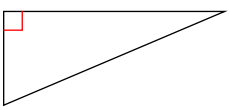


B)



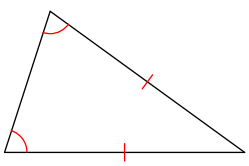
C) Not possible

D)

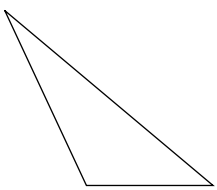


3) acute isosceles

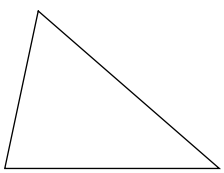
A)



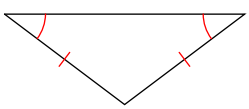
B)



C)

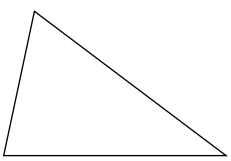


D)

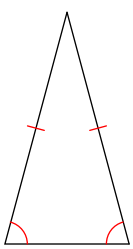


4) acute scalene

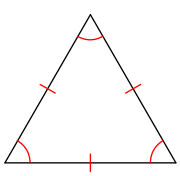
A)



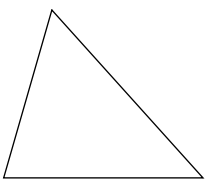
B)



C)

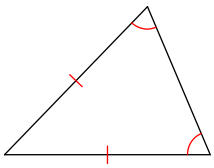


D)

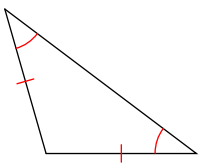


5) acute scalene

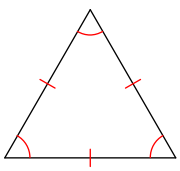
A)



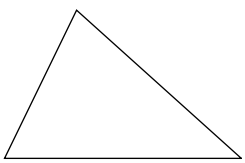
B)



C)

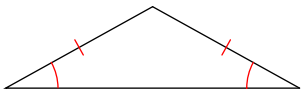


D)

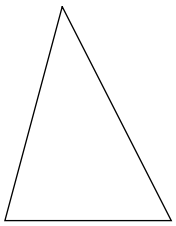


6) right isosceles

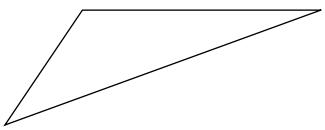
A)



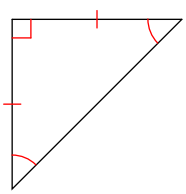
B)



C)

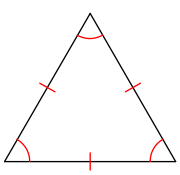


D)

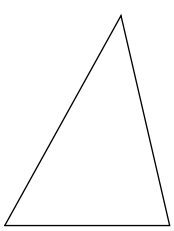


7) equilateral

A)

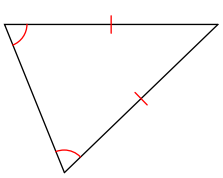


B)



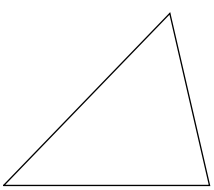
C) Not possible

D)

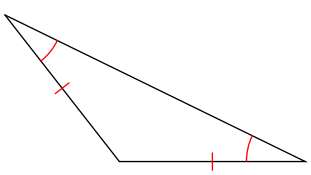


8) acute scalene

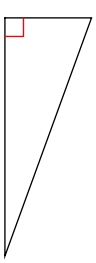
A)



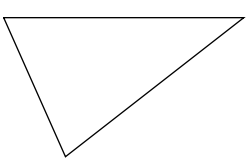
B)



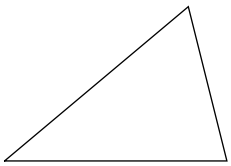
C)

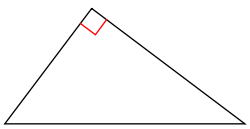


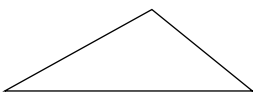
D)



9) right scalene

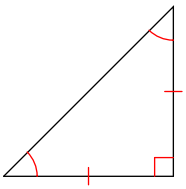
A) 

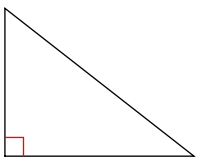
B) 

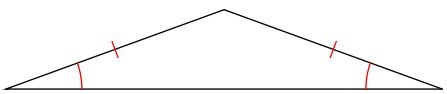
C) 

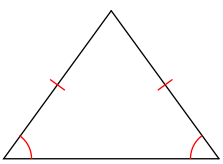
D) Not possible

10) acute isosceles

A) 

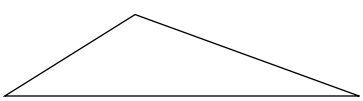
B) 

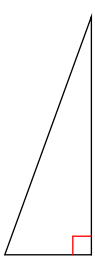
C) 

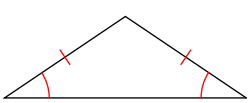
D) 

11) obtuse scalene

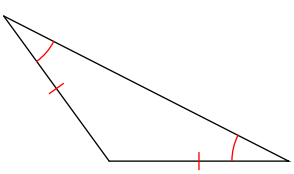
A) Not possible

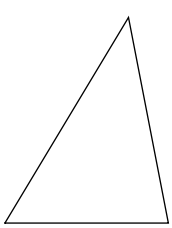
B) 

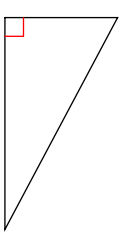
C) 

D) 

12) acute obtuse

A) 

B) 

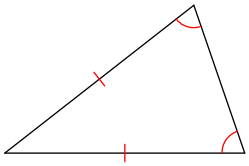
C) 

D) Not possible

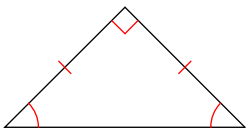
13) acute obtuse

A) Not possible

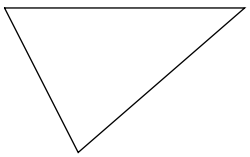
B)



C)

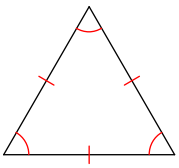


D)



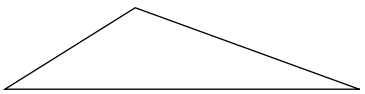
14) obtuse equilateral

A)

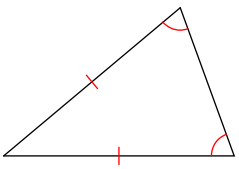


B) Not possible

C)

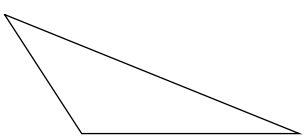


D)

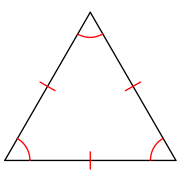


15) right obtuse

A)

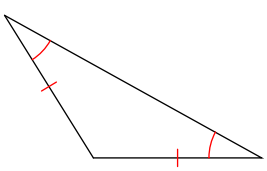


B)



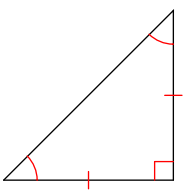
C) Not possible

D)

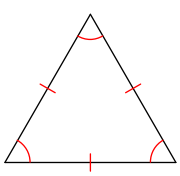


16) right obtuse

A)

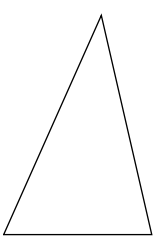


B)



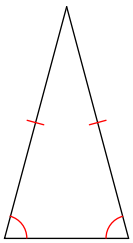
C) Not possible

D)

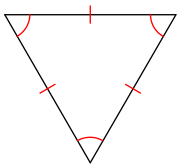


17) equilateral

A)

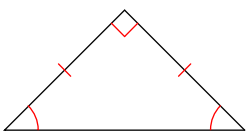


B)



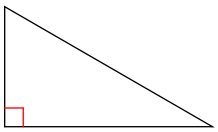
C) Not possible

D)



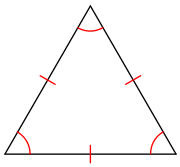
18) right scalene

A)

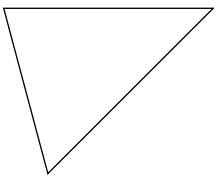


B) Not possible

C)

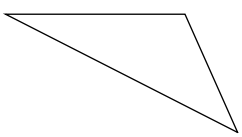


D)

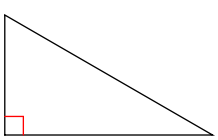


19) obtuse scalene

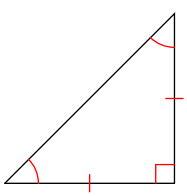
A)



B)



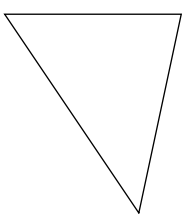
C)



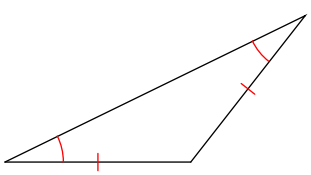
D) Not possible

20) acute scalene

A)

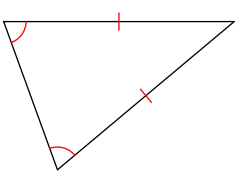


B)



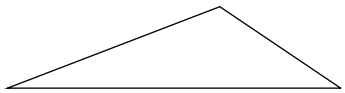
C) Not possible

D)

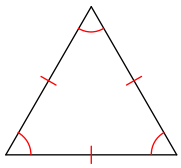


21) acute isosceles

A)

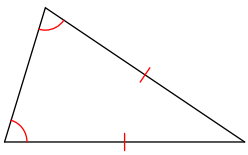


B)



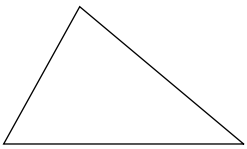
C) Not possible

D)

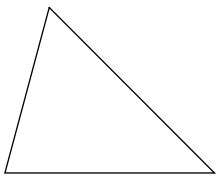


22) acute scalene

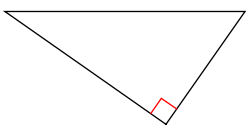
A)



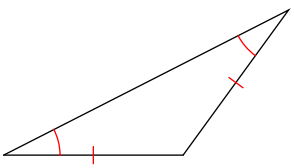
B)



C)

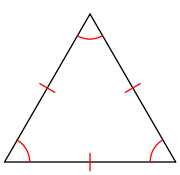


D)



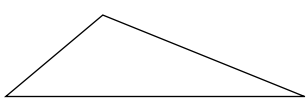
23) equilateral

A)

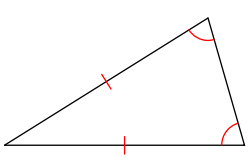


B) Not possible

C)

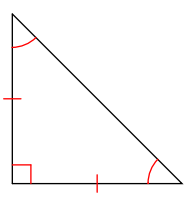


D)

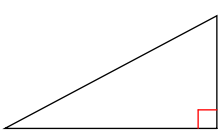


24) right scalene

A)

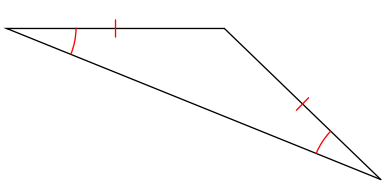


B)



C) Not possible

D)



Answers to Assignment (ID: 9)

1) C
2) B
3) A
4) D
5) D
6) D
7) A
8) D
9) B
10) D
11) B
12) D
13) A
14) B
15) C
16) C
17) B
18) A
19) A
20) A
21) D
22) B
23) A
24) B

Geometry Name_____

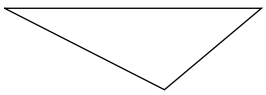
Assignment

Date_____ Period____

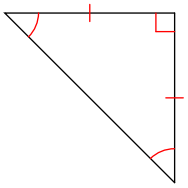
Sketch an example of the type of triangle described. Mark the triangle to indicate what information is known. If no triangle can be drawn, write "not possible."

1) obtuse scalene

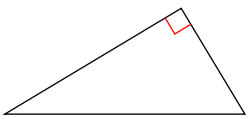
A)



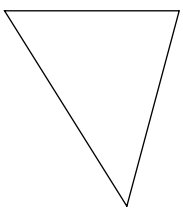
B)



C)

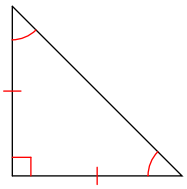


D)

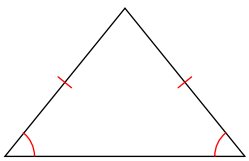


2) acute isosceles

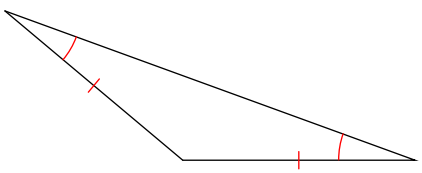
A)



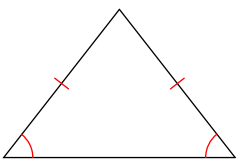
B)



C)

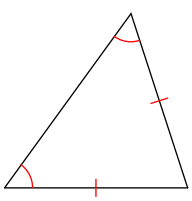


D)

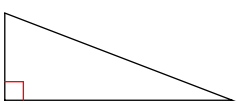


3) acute isosceles

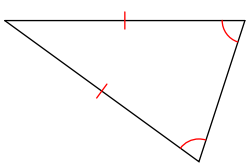
A)



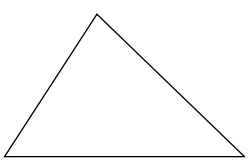
B)



C)

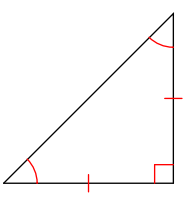


D)

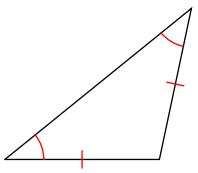


4) right isosceles

A)

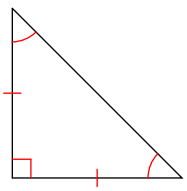


B)



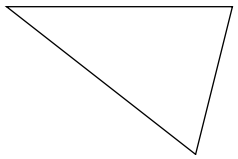
C) Not possible

D)

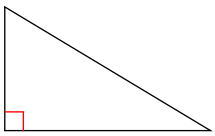


5) acute scalene

A)

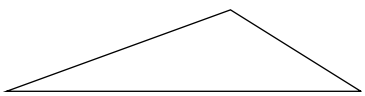


B)



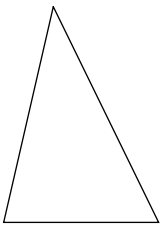
C) Not possible

D)

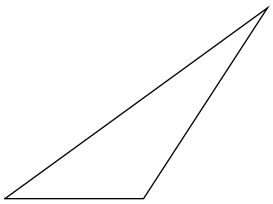


6) acute scalene

A)

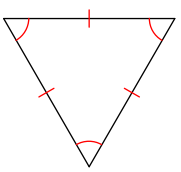


B)



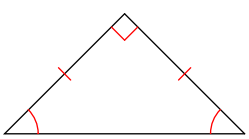
C) Not possible

D)

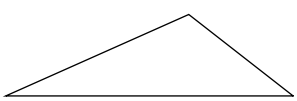


7) right isosceles

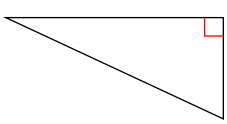
A)



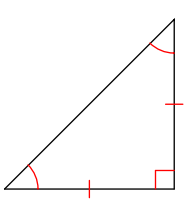
B)



C)

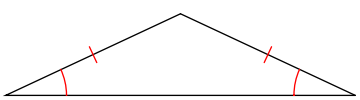


D)

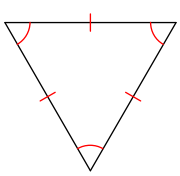


8) equilateral

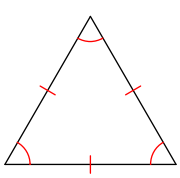
A)



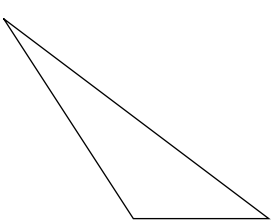
B)



C)

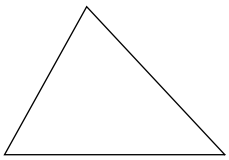


D)

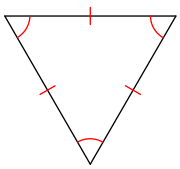


9) equilateral

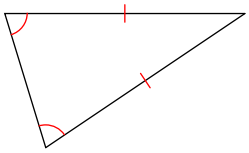
A)



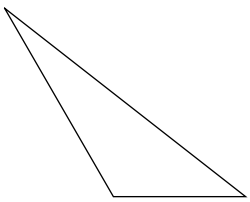
B)



C)

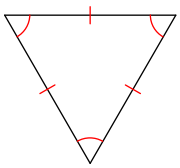


D)

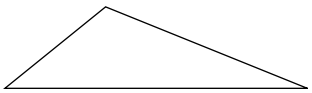


10) right scalene

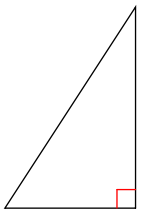
A)



B)



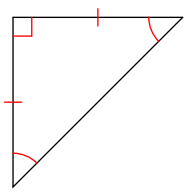
C)



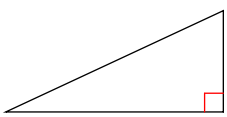
D) Not possible

11) obtuse scalene

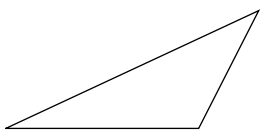
A)



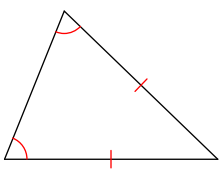
B)



C)

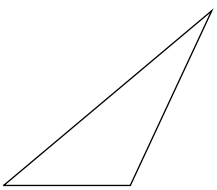


D)

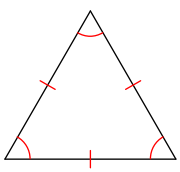


12) equilateral

A)

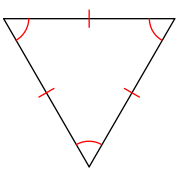


B)



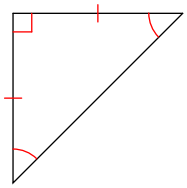
C) Not possible

D)



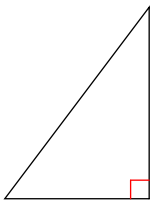
13) acute right

A)

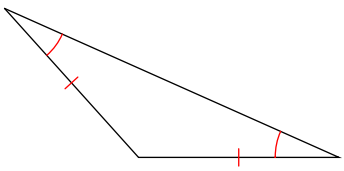


B) Not possible

C)



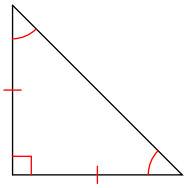
D)



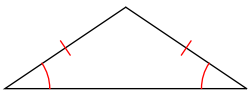
14) acute obtuse

A) Not possible

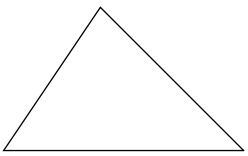
B)



C)



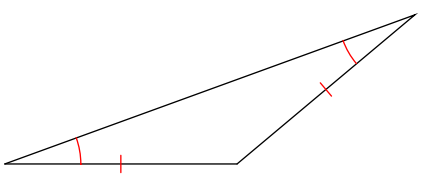
D)



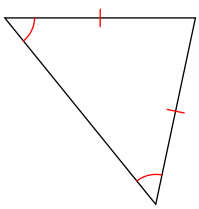
15) right equilateral

A) Not possible

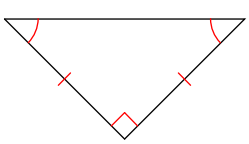
B)



C)

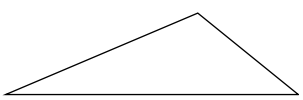


D)



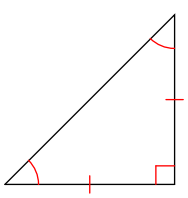
16) obtuse equilateral

A)

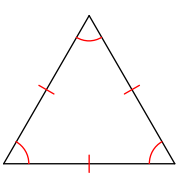


B) Not possible

C)

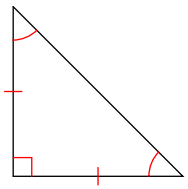


D)

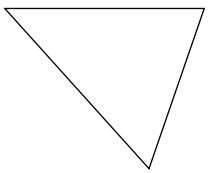


17) acute obtuse

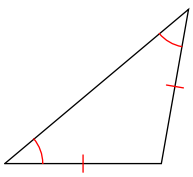
A)



B)



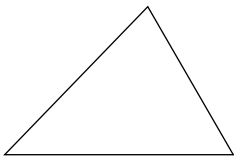
C)



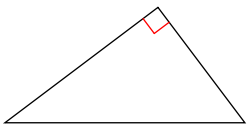
D) Not possible

18) equilateral

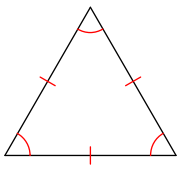
A)



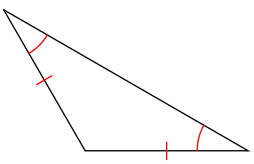
B)



C)

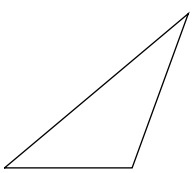


D)

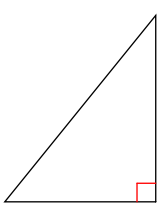


19) right scalene

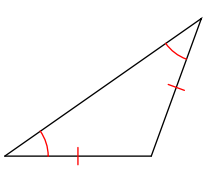
A)



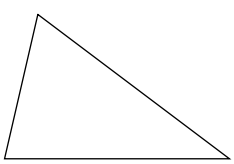
B)



C)

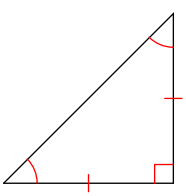


D)

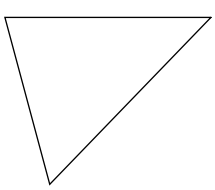


20) right scalene

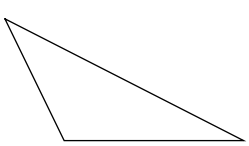
A)



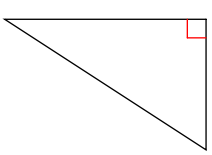
B)



C)

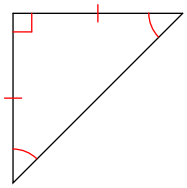


D)

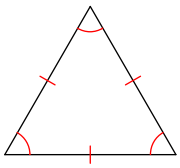


21) equilateral

A)

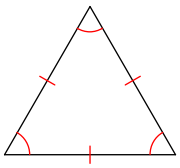


B)



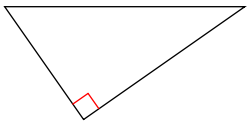
C) Not possible

D)

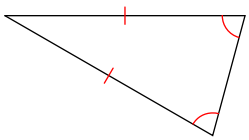


22) acute isosceles

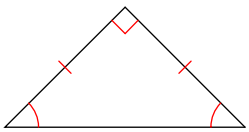
A)



B)



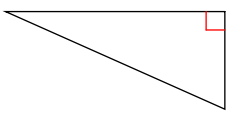
C)



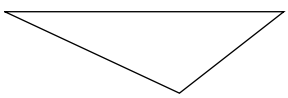
D) Not possible

23) obtuse scalene

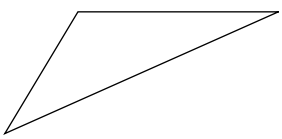
A)



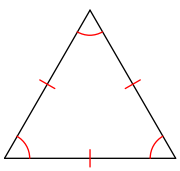
B)



C)

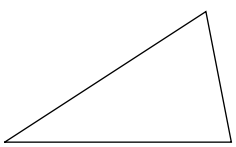


D)

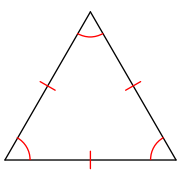


24) acute scalene

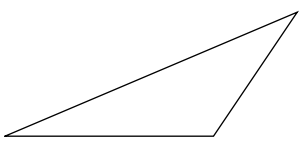
A)



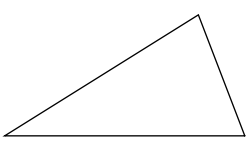
B)



C)



D)



Answers to Assignment (ID: 10)

1) A
2) D
3) C
4) A
5) A
6) A
7) D
8) B
9) B
10) C
11) C
12) B
13) B
14) A
15) A
16) B
17) D
18) C
19) B
20) D
21) B
22) B
23) C
24) A