

Assignment

Evaluate each using the values given.

1) $n\left(n - \frac{m}{4} + 3\right)$; use $m = -4$, and $n = -10$

2) $\frac{x-y}{4} + 5 - x$; use $x = 5$, and $y = -3$

3) $-6\left(z - \frac{y}{4}\right) + x$; use $x = -7$, $y = 4$, and $z = 5$

4) $x^2(x - y) + y$; use $x = 2$, and $y = 10$

5) $q - (q - |4|) + p$; use $p = -1$, and $q = -5$

6) $9(j - h) - 5 - 3$; use $h = 1$, and $j = 9$

7) $y^2 + \frac{x-y}{3}$; use $x = -5$, and $y = 10$

8) $b(1 - a) + \frac{a}{4}$; use $a = 4$, and $b = -5$

9) $y - (y + 4 - (x - x))$; use $x = -3$, and $y = -6$

10) $-9m - (3q + p)$; use $m = 3$, $p = -7$, and $q = -1$

11) $-1 + cb - |a|$; use $a = -6$, $b = 8$, and $c = 9$

12) $y - (7 + y + |x|)$; use $x = -1$, and $y = 8$

13) $|m| + n - 7 + n$; use $m = -4$, and $n = -7$

14) $y^2 - z + \frac{4}{4}$; use $y = -8$, and $z = 6$

15) $-8 - p - 3(p - m)$; use $m = 5$, and $p = 7$

16) $p \times \frac{q(q+8)}{6}$; use $p = -2$, and $q = -2$

17) $x - y - |y^2|$; use $x = 7$, and $y = -9$

18) $b + \frac{a}{4} - a - a$; use $a = 4$, and $b = -2$



19) $-2 + h + \frac{j^2}{4}$; use $h = -9$, and $j = -8$

20) $|x| + y + y^2$; use $x = 10$, and $y = -3$

21) $\frac{mp^2 + p}{4}$; use $m = 2$, and $p = -4$

22) $1 + (b - b)(a + b)$; use $a = 6$, and $b = -10$

23) $6 + 8n \times \frac{m}{4}$; use $m = 8$, and $n = -4$

24) $y - \frac{x}{3}(z - y)$; use $x = -9$, $y = -10$, and $z = -1$



Answers to Assignment (ID: 1)

1) 60

5) 3

9) -4

13) -17

17) -65

21) 7

2) 2

6) 64

10) -17

14) 59

18) -9

22) 1

3) -31

7) 95

11) 65

15) -21

19) 5

23) -58

4) -22

8) 16

12) -8

16) 4

20) 16

24) 17



Assignment

Evaluate each using the values given.

1) $\frac{p + m^3}{3}$; use $m = 5$, and $p = 10$

2) $|q| - (r + r + p)$; use $p = 10$, $q = 1$, and $r = 7$

3) $z\left(y - z + \frac{y}{5}\right)$; use $y = -5$, and $z = -4$

4) $\frac{x + x + 4y}{2}$; use $x = 7$, and $y = -6$

5) $y + 4x - x^2$; use $x = -5$, and $y = 1$

6) $j^2 - 3(h + j)$; use $h = -8$, and $j = -6$

7) $x + x - \frac{3}{3} - y$; use $x = 9$, and $y = -7$

8) $b \times \frac{a}{2} + |a|$; use $a = -2$, and $b = -7$

9) $(h + j)^2(h + 5)$; use $h = -6$, and $j = -1$

10) $y - x\left(x - \frac{y}{4}\right)$; use $x = -10$, and $y = -8$

11) $m - \frac{n}{4} - (-10 + n)$; use $m = -1$, and $n = -4$

12) $|m^3| - |p|$; use $m = -4$, and $p = -8$

13) $x\left(y - \frac{5^2}{5}\right)$; use $x = -7$, and $y = -2$

14) $(-2)^2(q + p) - 4$; use $p = 2$, and $q = 4$

15) $-2 - z - xzy$; use $x = -2$, $y = -3$, and $z = 7$

16) $10 - (x - (y - y) - y)$; use $x = -5$, and $y = 3$

17) $h + j(h + 4) + j$; use $h = 4$, and $j = -3$

18) $|h| + \frac{j}{2} - j$; use $h = 6$, and $j = 2$

19) $\frac{c - (b + 4)}{6} - b$; use $b = -4$, and $c = -6$

20) $(|y| - x)(y + 2)$; use $x = 3$, and $y = -5$



21) $x - x^2 - x + y$; use $x = 1$, and $y = 3$

22) $|m| - (n - 5) - m$; use $m = -1$, and $n = 1$

23) $m - (4 - (m - (m + p)))$; use $m = 9$, and $p = -5$

24) $y + x - y - (y + x)$; use $x = 5$, and $y = 1$



Answers to Assignment (ID: 2)

1) 45

5) -44

9) -49

13) 49

17) -23

21) 2

2) -23

6) 78

10) -88

14) 20

18) 5

22) 6

3) 8

7) 26

11) 14

15) -51

19) 3

23) 10

4) -5

8) 9

12) 56

16) 18

20) -6

24) -1



Assignment

Evaluate each using the values given.

1) $x - (1 + x) + z^2$; use $x = 7$, and $z = -5$

2) $\frac{z + y^3 + 9}{2}$; use $y = -2$, and $z = -3$

3) $|j| + h - hj$; use $h = 4$, and $j = -1$

4) $p - q(p - 4 - p)$; use $p = 1$, and $q = 7$

5) $x - (|-3y| + 8)$; use $x = -8$, and $y = 6$

6) $-7j + \frac{k - j}{3}$; use $j = 5$, and $k = 2$

7) $-8 - (b - b) - a^2$; use $a = 9$, and $b = -1$

8) $y - y\left(x - \frac{y}{2}\right)$; use $x = -6$, and $y = -2$

9) $m + m - 6 + |n|$; use $m = -9$, and $n = 4$

10) $z + y - |-2x|$; use $x = -3$, $y = 4$, and $z = 10$

11) $\frac{m}{4} - (3 - |p|)$; use $m = 8$, and $p = -2$

12) $-7q - |p| - 4$; use $p = -7$, and $q = 10$

13) $\frac{6}{6} + x - |y|$; use $x = 10$, and $y = 3$

14) $p|p - q| - 9$; use $p = -5$, and $q = 2$

15) $x - y(-6 - (x + x))$; use $x = -1$, and $y = 9$

16) $x - (y - x) - xy$; use $x = -8$, and $y = 9$

17) $\frac{2 - 10}{4}(j - h)$; use $h = -3$, and $j = 8$

18) $\frac{b}{2} + 5 - a$; use $a = 1$, and $b = 2$



19) $|z^2| + 8x$; use $x = -6$, and $z = 3$

20) $m(1 + n + m + n)$; use $m = 3$, and $n = 7$

21) $(m - 6)(p + 9) - p$; use $m = 3$, and $p = -4$

22) $|y|\frac{8}{4} - x$; use $x = -4$, and $y = 7$

23) $qp - (p - |p|)$; use $p = -8$, and $q = -8$

24) $\frac{x}{2} - |x - y|$; use $x = -2$, and $y = -9$



Answers to Assignment (ID: 3)

1) 24

5) -34

9) -20

13) 8

17) -22

21) -11

2) -1

6) -36

10) 8

14) -44

18) 5

22) 18

3) 9

7) -89

11) 1

15) 35

19) -39

23) 80

4) 29

8) -12

12) -81

16) 47

20) 54

24) -8



Assignment

Evaluate each using the values given.

1) $y - x|x - 2|$; use $x = 4$, and $y = -10$

2) $\frac{p - 6 - q}{4}$; use $p = -5$, and $q = 5$

3) $a - (-7)^2 - (b + b)$; use $a = 5$, and $b = 7$

4) $\left(\frac{h}{3}\right)^2 - \frac{j}{2}$; use $h = -3$, and $j = -10$

5) $x \times \frac{y + y^2}{4}$; use $x = 6$, and $y = 4$

6) $p - p + p - (5 + m)$; use $m = -1$, and $p = 3$

7) $m - \left(m - \left(\frac{n}{2}\right)^2\right)$; use $m = 3$, and $n = 10$

8) $x(y + 1) - \frac{y}{3}$; use $x = 8$, and $y = 9$

9) $q + (p + q)(p + p)$; use $p = 5$, and $q = 3$

10) $-2\left(z + \frac{x - x}{6}\right)$; use $x = 1$, and $z = -10$

11) $q + p - p^2 - p$; use $p = 7$, and $q = 8$

12) $|-7x| + y - y$; use $x = 3$, and $y = -7$

13) $(y - x)^2 - \frac{6}{6}$; use $x = -10$, and $y = -6$

14) $-\frac{6}{6} - 2 + b + a$; use $a = -8$, and $b = 7$

15) $y + x + |x^2|$; use $x = 6$, and $y = 7$

16) $k(k + h - (4 + h))$; use $h = 9$, and $k = 8$

17) $\frac{m}{6} - \left(\frac{m}{6} + n\right)$; use $m = -6$, and $n = -8$

18) $|p| + \frac{m}{3} - 9$; use $m = -9$, and $p = 6$



19) $\frac{n}{6} + m + m + n$; use $m = -4$, and $n = 6$

20) $z + x - \frac{x}{4} + 6$; use $x = 8$, and $z = -6$

21) $-8 + \frac{y(x - y)}{3}$; use $x = 10$, and $y = -3$

22) $x(y - 1)(y + 8)$; use $x = -7$, and $y = -9$

23) $|q| + |r^2|$; use $q = -10$, and $r = 9$

24) $x - (x - y)(y - 9)$; use $x = -5$, and $y = -4$



Answers to Assignment (ID: 4)

1) -18

5) 30

9) 83

13) 15

17) 8

21) -21

2) -4

6) -1

10) 20

14) -4

18) -6

22) -70

3) -58

7) 25

11) -41

15) 49

19) -1

23) 91

4) 6

8) 77

12) 21

16) 32

20) 6

24) -18



Assignment

Evaluate each using the values given.

1) $\frac{a}{3} - b - |a|$; use $a = -9$, and $b = 10$

2) $\frac{9+h}{2}(4-j)$; use $h = 1$, and $j = -4$

3) $\frac{z}{4}(-10 - x^2)$; use $x = -3$, and $z = -4$

4) $-\frac{5}{5}(n + m + n)$; use $m = -6$, and $n = -5$

5) $\frac{p|pm|}{3}$; use $m = 3$, and $p = 9$

6) $(y + x)^3(y + y)$; use $x = 5$, and $y = -6$

7) $(2 + 7)(n + m + 4)$; use $m = -4$, and $n = 8$

8) $y - \left(\frac{y}{6} - |x|\right)$; use $x = -1$, and $y = -6$

9) $xy + |x - y|$; use $x = 2$, and $y = 2$

10) $q + p + 7|p|$; use $p = -2$, and $q = -7$

11) $b\left(a + \frac{b}{4} + b\right)$; use $a = 4$, and $b = -8$

12) $\frac{x - yx^2}{4}$; use $x = 7$, and $y = -1$

13) $|h - j| - \frac{6}{6}$; use $h = -2$, and $j = 10$

14) $2 + y^2 + |x|$; use $x = 10$, and $y = -8$

15) $3\left(c \times \frac{c}{4} + a\right)$; use $a = 6$, and $c = -4$

16) $\left(\frac{y}{3}\right)^2 - \frac{x}{3}$; use $x = -9$, and $y = -3$

17) $(6 - m)(p + p + m)$; use $m = 2$, and $p = -9$

18) $m - (m^2 - (-3 + n))$; use $m = 8$, and $n = -10$



19) $\frac{z-x}{6} + x + y$; use $x = -7$, $y = 3$, and $z = -7$

20) $x + \frac{z^2 - 6}{2}$; use $x = 5$, and $z = 4$

21) $q + p + |q| + p$; use $p = 10$, and $q = -4$

22) $y - |x|(y + x)$; use $x = 7$, and $y = 2$

23) $10(a + b + |-6|)$; use $a = -5$, and $b = -5$

24) $-7 + h - j - 8h$; use $h = -8$, and $j = 1$



Answers to Assignment (ID: 5)

1) -22

5) 81

9) 4

13) -12

17) -64

21) 20

2) 40

6) 12

10) 5

14) 76

18) -69

22) -61

3) 19

7) 72

11) 48

15) 30

19) -4

23) -40

4) 16

8) -4

12) 14

16) 4

20) 10

24) 48



Assignment

Evaluate each using the values given.

1) $y - \left(9 \times \frac{x}{3} + 2\right)$; use $x = 9$, and $y = -6$

2) $a(b - (b - (a - 5)))$; use $a = -2$, and $b = 1$

3) $-7 - \frac{x}{2}(y - y)$; use $x = -10$, and $y = 7$

4) $p + 3 - (-10 + m - 8)$; use $m = -6$, and $p = -6$

5) $4^2 + 9 + p + m$; use $m = -4$, and $p = -1$

6) $n - \frac{n^3 + m}{2}$; use $m = -7$, and $n = -3$

7) $z - (z - (2x + y))$; use $x = -7$, $y = 6$, and $z = 4$

8) $q(3 + q - p) - q$; use $p = 2$, and $q = -1$

9) $y^2 - 3 - (-3 - x)$; use $x = -2$, and $y = 5$

10) $j^2 + j + k + k$; use $j = 4$, and $k = -9$

11) $a(a + (b - b)^2)$; use $a = -5$, and $b = -2$

12) $2 - (z - 3) - (z - x)$; use $x = 1$, and $z = 1$

13) $a^2 - b^3$; use $a = -3$, and $b = 4$

14) $(7 + x + y)(x + y)$; use $x = 3$, and $y = 3$

15) $n + m - \left(n - \frac{n}{4}\right)$; use $m = -1$, and $n = -4$

16) $m(|1^3| + p)$; use $m = -7$, and $p = -3$

17) $p(|m| - p)$; use $m = -4$, and $p = 2$

18) $(p + 9)(r - |q|)$; use $p = 1$, $q = 2$, and $r = 5$

19) $\frac{y + 7(x + y)}{3}$; use $x = 5$, and $y = 8$

20) $7 - 1 - x - (y + x)$; use $x = -2$, and $y = 8$



21) $\frac{x^2 - 5 + y}{3}$; use $x = 7$, and $y = 1$

22) $h \times \frac{8}{4}(h - j)$; use $h = 4$, and $j = 7$

23) $x + |9| + \frac{y}{3}$; use $x = -9$, and $y = 9$

24) $c - (c - (c + |b|))$; use $b = 6$, and $c = 10$



Answers to Assignment (ID: 6)

1) -35

5) 20

9) 23

13) -55

17) 4

21) 15

2) 14

6) 14

10) 2

14) 78

18) 30

22) -24

3) -7

7) -8

11) 25

15) -2

19) 33

23) 3

4) 21

8) 1

12) 4

16) 14

20) 2

24) 16



Assignment

Evaluate each using the values given.

1) $8 - (-9 - 5 + y + x)$; use $x = 2$, and $y = 6$

2) $|m - q| \times |m|$; use $m = 8$, and $q = -4$

3) $-5(n + m + n + n)$; use $m = -9$, and $n = -1$

4) $3p\left(m + \frac{m}{6}\right)$; use $m = 6$, and $p = -1$

5) $x + y - \left|\frac{y}{2}\right|$; use $x = 4$, and $y = -10$

6) $y + y^2 - (x + x)$; use $x = 10$, and $y = -10$

7) $10 - (y - (x - x + x))$; use $x = 7$, and $y = 4$

8) $(q + p)(pq + q)$; use $p = -7$, and $q = 4$

9) $\frac{-5 - h}{6} - 7j$; use $h = -5$, and $j = 10$

10) $c + 8(b + c + c)$; use $b = 9$, and $c = -8$

11) $j(kj - (k - h))$; use $h = -3$, $j = 2$, and $k = 10$

12) $y - ((y + y)^2 + x)$; use $x = -8$, and $y = 3$

13) $z - (x + y + zx)$; use $x = -6$, $y = 9$, and $z = 6$

14) $m - 9 + |n + n|$; use $m = -10$, and $n = 2$

15) $z(y - z) - (z + y)$; use $y = -7$, and $z = -3$

16) $m + p + p - (m - 8)$; use $m = 8$, and $p = 7$

17) $|p - p| + p + q$; use $p = -8$, and $q = 7$

18) $x + \frac{xy - x}{4}$; use $x = 2$, and $y = -7$



19) $\frac{y + x + y^2}{6}$; use $x = -2$, and $y = 7$

20) $h - h - h(j + k)$; use $h = -5$, $j = -8$, and $k = 4$

21) $|b| + a + a^2$; use $a = -9$, and $b = 4$

22) $y\left(z + \frac{3^3}{3}\right)$; use $y = -9$, and $z = -10$

23) $h - h - h - j - 6$; use $h = -3$, and $j = 5$

24) $y + 9 + x - (-6 - y)$; use $x = 4$, and $y = 6$



Answers to Assignment (ID: 7)

1) 14
5) -11
9) -70
13) 39
17) -1
21) 76

2) 96
6) 70
10) -64
14) -15
18) -2
22) 9

3) 60
7) 13
11) 14
15) 22
19) 9
23) -8

4) -21
8) 72
12) -25
16) 22
20) -20
24) 31



Assignment

Evaluate each using the values given.

1) $n(m - n + n - 8)$; use $m = 3$, and $n = 5$

2) $q\left(p + \frac{p}{5} + r\right)$; use $p = 5$, $q = 10$, and $r = -3$

3) $z + \frac{x - |z|}{6}$; use $x = 8$, and $z = 8$

4) $p + 10m + 90$; use $m = -1$, and $p = -10$

5) $\frac{y}{5}(x + 5y)$; use $x = 1$, and $y = -5$

6) $z - (2 + x) - (z + x)$; use $x = 3$, and $z = 5$

7) $y - (y - 8^2) + x$; use $x = -10$, and $y = 10$

8) $-7 + p - 4(q + p)$; use $p = 7$, and $q = -5$

9) $\frac{b}{6} - |a + 6|$; use $a = -8$, and $b = -6$

10) $h - \frac{6}{6} - j^2$; use $h = 9$, and $j = 8$

11) $|x| - x - y^2$; use $x = 6$, and $y = -7$

12) $(n + m)^2 + n - n$; use $m = -6$, and $n = 8$

13) $\frac{m + 7}{3} - |p|$; use $m = -10$, and $p = -7$

14) $qp + 12 + q$; use $p = -4$, and $q = -8$

15) $\frac{xy - |x|}{4}$; use $x = 8$, and $y = -1$

16) $y(y - |y + z|)$; use $y = -2$, and $z = -2$

17) $8x - \frac{x}{2} - y$; use $x = 10$, and $y = -9$

18) $\frac{q}{2}(pq - p)$; use $p = -1$, and $q = -2$



19) $x(1 - |y + y|)$; use $x = -5$, and $y = -9$

20) $\frac{-2 - (j + h) + h}{4}$; use $h = 1$, and $j = -10$

21) $x - \left(y - \left(\frac{x}{3} - 7 \right) \right)$; use $x = -3$, and $y = -4$

22) $b(b + ba) + a$; use $a = -9$, and $b = -3$

23) $m - 3^2 + \frac{n}{2}$; use $m = -6$, and $n = 10$

24) $|m + m| + 5p$; use $m = 3$, and $p = -4$



Answers to Assignment (ID: 8)

1) -25

5) 24

9) -3

13) -8

17) 84

21) -7

2) 30

6) -8

10) -56

14) 36

18) -3

22) -81

3) 8

7) 54

11) -49

15) -4

19) 85

23) -10

4) 70

8) -8

12) 4

16) 12

20) 2

24) -14



Assignment

Evaluate each using the values given.

1) $x - (y - (x - 2) - 7)$; use $x = -1$, and $y = 2$

2) $x + |-3| - |y|$; use $x = -8$, and $y = 1$

3) $q + \frac{p + 10}{6} + 7$; use $p = -4$, and $q = -5$

4) $z \times \frac{y}{6} + 7 + z$; use $y = -6$, and $z = -1$

5) $|x^2| - (9 + y)$; use $x = -6$, and $y = -6$

6) $q - (q^2 + p + p)$; use $p = -2$, and $q = 1$

7) $b(a^2 + a + a)$; use $a = 4$, and $b = -4$

8) $j + |k| + \frac{k}{6}$; use $j = 6$, and $k = 6$

9) $-7(y + 10) + 10x$; use $x = -3$, and $y = -1$

10) $\left|\frac{m}{6}\right| + |n|$; use $m = 6$, and $n = -8$

11) $z - \frac{4^3 + y}{3}$; use $y = 5$, and $z = -8$

12) $|-10|(p - m + 6)$; use $m = 2$, and $p = -1$

13) $3mn \times \frac{m}{4}$; use $m = 8$, and $n = -2$

14) $|x^2|(8 + z)$; use $x = 5$, and $z = -10$

15) $x - x - y^3 + x$; use $x = 1$, and $y = -3$

16) $-7 - a + 8 + b + a$; use $a = 3$, and $b = 3$

17) $y + |x - y| - y$; use $x = 7$, and $y = -3$

18) $\frac{q}{3} - (q + p) - p$; use $p = 10$, and $q = 3$



19) $n - |m| + m + n$; use $m = 5$, and $n = -5$

20) $zy - \frac{-2 + z}{4}$; use $y = 2$, and $z = -6$

21) $h + j^2|j|$; use $h = -8$, and $j = -4$

22) $m(m - (p - m + p))$; use $m = -6$, and $p = 1$

23) $5 - p - (p - n) - p$; use $n = 1$, and $p = 1$

24) $|x| - \frac{x + y}{2}$; use $x = -10$, and $y = 8$



Answers to Assignment (ID: 9)

- 1) 1
- 5) 33
- 9) -93
- 13) -96
- 17) 10
- 21) 56

- 2) -6
- 6) 4
- 10) 9
- 14) -50
- 18) -22
- 22) 84

- 3) 3
- 7) -96
- 11) -31
- 15) 28
- 19) -10
- 23) 3

- 4) 7
- 8) 13
- 12) 30
- 16) 4
- 20) -10
- 24) 11



Assignment

Evaluate each using the values given.

1) $x - |y| - 10 + z$; use $x = -4$, $y = 7$, and $z = -9$

2) $y - (x - (-8 - (y + x)))$; use $x = -7$, and $y = 1$

3) $-3xy - (-1 - y)$; use $x = -2$, and $y = -1$

4) $\frac{-5q - q}{6} + p$; use $p = 10$, and $q = 6$

5) $\frac{b}{6} - (a + c^3)$; use $a = -5$, $b = 6$, and $c = -2$

6) $h \times \frac{h}{3} - jh$; use $h = -9$, and $j = -1$

7) $7 - (2 + y) + x^3$; use $x = 1$, and $y = 5$

8) $m + 10 - (m + p + 3)$; use $m = -7$, and $p = 4$

9) $b - (-3(b + a) + a)$; use $a = -3$, and $b = -2$

10) $\frac{x}{3} - \frac{y}{2} - y$; use $x = 3$, and $y = 10$

11) $n + n + m - mn$; use $m = -1$, and $n = 4$

12) $2(y - (z - xy))$; use $x = -4$, $y = 10$, and $z = 2$

13) $y^2 - \frac{z}{3} + x$; use $x = 5$, $y = 3$, and $z = -9$

14) $|-9 + p| + |q|$; use $p = 1$, and $q = 9$

15) $k|-8| + 10h$; use $h = 4$, and $k = -1$

16) $x - (y + |y + x|)$; use $x = -2$, and $y = 2$

17) $b^2 - |a^2|$; use $a = 7$, and $b = 9$

18) $\frac{y - (x + 8) + y}{2}$; use $x = 8$, and $y = 9$



19) $y - 7 + \frac{|z|}{6}$; use $y = -8$, and $z = 6$

20) $m + m - (m - p^2)$; use $m = 6$, and $p = 7$

21) $-\frac{2}{2} + a(b - a)$; use $a = 9$, and $b = 1$

22) $x + y + |-7 - y|$; use $x = 4$, and $y = 6$

23) $m + 4 - \left(-6 - \frac{p}{4}\right)$; use $m = 8$, and $p = -8$

24) $m - (|m| - n) + n$; use $m = -9$, and $n = 7$



Answers to Assignment (ID: 10)

1) -30

5) 14

9) -14

13) 17

17) 32

21) -73

2) 6

6) 18

10) -14

14) 17

18) 1

22) 23

3) -6

7) 1

11) 11

15) 32

19) -14

23) 16

4) 4

8) 3

12) -64

16) -4

20) 55

24) -4

