

Assignment

Solve each system by elimination.

$$\begin{aligned} 1) \quad x + 3y &= -14 \\ -4x - 3y &= 2 \end{aligned}$$

$$\begin{aligned} 2) \quad -4x - 4y &= 4 \\ 6x + 4y &= -8 \end{aligned}$$

$$\begin{aligned} 3) \quad 4x - 2y &= 4 \\ -4x + 4y &= 8 \end{aligned}$$

$$\begin{aligned} 4) \quad -4x - 6y &= -8 \\ -x + 6y &= -2 \end{aligned}$$

$$\begin{aligned} 5) \quad -3x - 2y &= 18 \\ 3x + 5y &= -18 \end{aligned}$$

$$\begin{aligned} 6) \quad 3x + 4y &= -12 \\ 5x - 4y &= 12 \end{aligned}$$

$$\begin{aligned} 7) \quad 6x - 6y &= 0 \\ -2x + 6y &= -8 \end{aligned}$$

$$\begin{aligned} 8) \quad -3x + y &= -18 \\ -3x - y &= -6 \end{aligned}$$

$$\begin{aligned} 9) \quad x + y &= 7 \\ 3x - y &= 5 \end{aligned}$$

$$\begin{aligned} 10) \quad -x - 2y &= 3 \\ x - 5y &= -10 \end{aligned}$$

$$\begin{aligned} 11) \quad -2x + y &= 6 \\ x - y &= -4 \end{aligned}$$

$$\begin{aligned} 12) \quad -4x - 2y &= 18 \\ -4x + 2y &= 14 \end{aligned}$$

$$\begin{aligned} 13) \quad x + y &= -4 \\ 6x - y &= 4 \end{aligned}$$

$$\begin{aligned} 14) \quad 3x + 6y &= -12 \\ -3x + 4y &= 12 \end{aligned}$$

$$\begin{aligned} 15) \quad x - 2y &= 6 \\ -x - 5y &= 8 \end{aligned}$$

$$\begin{aligned} 16) \quad -x - 6y &= -16 \\ x + 3y &= 7 \end{aligned}$$

$$\begin{aligned} 17) \quad -4x - 2y &= -12 \\ -5x + 2y &= 12 \end{aligned}$$

$$\begin{aligned} 18) \quad -3x - 3y &= 12 \\ 3x + 4y &= -11 \end{aligned}$$

$$\begin{aligned} 19) \quad 6x + 3y &= -6 \\ -6x + 2y &= 16 \end{aligned}$$

$$\begin{aligned} 20) \quad -6x + 6y &= 6 \\ 6x + y &= 1 \end{aligned}$$

$$\begin{aligned} 21) \quad -x + 3y &= -9 \\ 3x - 3y &= 9 \end{aligned}$$

$$\begin{aligned} 22) \quad -6x - 2y &= 18 \\ -3x + 2y &= 18 \end{aligned}$$

$$\begin{aligned} 23) \quad -5x + 3y &= -8 \\ 5x - 5y &= 10 \end{aligned}$$

$$\begin{aligned} 24) \quad -5x - 3y &= -7 \\ -6x + 3y &= 18 \end{aligned}$$



Answers to Assignment (ID: 1)

1) (4, -6)

5) (-6, 0)

9) (3, 4)

13) (0, -4)

17) (0, 6)

21) (0, -3)

2) (-2, 1)

6) (0, -3)

10) (-5, 1)

14) (-4, 0)

18) (-5, 1)

22) (-4, 3)

3) (4, 6)

7) (-2, -2)

11) (-2, 2)

15) (2, -2)

19) (-2, 2)

23) (1, -1)

4) (2, 0)

8) (4, -6)

12) (-4, -1)

16) (-2, 3)

20) (0, 1)

24) (-1, 4)



Assignment

Solve each system by elimination.

$$\begin{aligned} 1) \quad & 4x - 4y = -16 \\ & -4x - 2y = -8 \end{aligned}$$

$$\begin{aligned} 2) \quad & -3x + 3y = 15 \\ & 3x - 2y = -16 \end{aligned}$$

$$\begin{aligned} 3) \quad & -5x + 2y = 13 \\ & -3x - 2y = 11 \end{aligned}$$

$$\begin{aligned} 4) \quad & -6x + y = -18 \\ & -4x - y = -2 \end{aligned}$$

$$\begin{aligned} 5) \quad & -x - 3y = 16 \\ & x - 5y = 16 \end{aligned}$$

$$\begin{aligned} 6) \quad & -x - 3y = 18 \\ & -3x + 3y = 6 \end{aligned}$$

$$\begin{aligned} 7) \quad & x + y = 11 \\ & -x - 2y = -17 \end{aligned}$$

$$\begin{aligned} 8) \quad & -x + 5y = -5 \\ & x - 3y = 1 \end{aligned}$$

$$\begin{aligned} 9) \quad & -3x - y = -7 \\ & 3x + 6y = 12 \end{aligned}$$

$$\begin{aligned} 10) \quad & -4x + y = 10 \\ & 2x - y = -6 \end{aligned}$$

$$\begin{aligned} 11) \quad & 6x + 2y = -6 \\ & -x - 2y = -9 \end{aligned}$$

$$\begin{aligned} 12) \quad & -6x - 6y = 0 \\ & 6x + 4y = -4 \end{aligned}$$

$$\begin{aligned} 13) \quad & -x + 5y = 13 \\ & -x - 5y = -17 \end{aligned}$$

$$\begin{aligned} 14) \quad & -x - y = 2 \\ & x + 5y = -10 \end{aligned}$$

$$\begin{aligned} 15) \quad & -4x - y = 4 \\ & -5x + y = 5 \end{aligned}$$

$$\begin{aligned} 16) \quad & 3x - 2y = 3 \\ & -x + 2y = -9 \end{aligned}$$

$$\begin{aligned} 17) \quad & -2x - y = -6 \\ & -2x + y = -14 \end{aligned}$$

$$\begin{aligned} 18) \quad & -4x - 5y = -5 \\ & 3x + 5y = 10 \end{aligned}$$

$$\begin{aligned} 19) \quad & -6x - 5y = -10 \\ & 6x + 6y = 12 \end{aligned}$$

$$\begin{aligned} 20) \quad & 6x + y = -5 \\ & -4x - y = 5 \end{aligned}$$

$$\begin{aligned} 21) \quad & 6x - 3y = -6 \\ & x + 3y = -8 \end{aligned}$$

$$\begin{aligned} 22) \quad & 2x - 6y = -4 \\ & -5x + 6y = 10 \end{aligned}$$

$$\begin{aligned} 23) \quad & x + 2y = -5 \\ & 2x - 2y = 8 \end{aligned}$$

$$\begin{aligned} 24) \quad & -6x + 4y = -16 \\ & 6x + 4y = 8 \end{aligned}$$



Answers to Assignment (ID: 2)

1) (0, 4)

5) (-4, -4)

9) (2, 1)

13) (2, 3)

17) (5, -4)

21) (-2, -2)

2) (-6, -1)

6) (-6, -4)

10) (-2, 2)

14) (0, -2)

18) (-5, 5)

22) (-2, 0)

3) (-3, -1)

7) (5, 6)

11) (-3, 6)

15) (-1, 0)

19) (0, 2)

23) (1, -3)

4) (2, -6)

8) (-5, -2)

12) (-2, 2)

16) (-3, -6)

20) (0, -5)

24) (2, -1)



Assignment

Solve each system by elimination.

$$\begin{aligned} 1) \quad x + 4y &= -18 \\ 4x - 4y &= -12 \end{aligned}$$

$$\begin{aligned} 2) \quad -2x - 3y &= 18 \\ -4x + 3y &= -18 \end{aligned}$$

$$\begin{aligned} 3) \quad 2x - y &= -3 \\ -2x - 3y &= 7 \end{aligned}$$

$$\begin{aligned} 4) \quad -6x + y &= -16 \\ 6x - 2y &= 14 \end{aligned}$$

$$\begin{aligned} 5) \quad -2x + 4y &= -8 \\ 4x - 4y &= 4 \end{aligned}$$

$$\begin{aligned} 6) \quad -2x + 4y &= -12 \\ 2x + 2y &= 6 \end{aligned}$$

$$\begin{aligned} 7) \quad 6x - y &= -9 \\ -6x + 4y &= 18 \end{aligned}$$

$$\begin{aligned} 8) \quad -x + y &= 5 \\ x - 3y &= -15 \end{aligned}$$

$$\begin{aligned} 9) \quad -2x - y &= -12 \\ -5x + y &= -16 \end{aligned}$$

$$\begin{aligned} 10) \quad 3x + 2y &= -18 \\ 6x - 2y &= -18 \end{aligned}$$

$$\begin{aligned} 11) \quad 4x + 3y &= -7 \\ -4x - 5y &= 17 \end{aligned}$$

$$\begin{aligned} 12) \quad -2x - 4y &= -12 \\ 2x + 5y &= 18 \end{aligned}$$

$$\begin{aligned} 13) \quad 3x - 5y &= -18 \\ x + 5y &= 14 \end{aligned}$$

$$\begin{aligned} 14) \quad -x + 3y &= 12 \\ x - 2y &= -7 \end{aligned}$$

$$\begin{aligned} 15) \quad -2x + y &= 5 \\ 3x - y &= -8 \end{aligned}$$

$$\begin{aligned} 16) \quad -4x + y &= 11 \\ -3x - y &= 10 \end{aligned}$$

$$\begin{aligned} 17) \quad -3x + 2y &= -12 \\ 4x - 2y &= 12 \end{aligned}$$

$$\begin{aligned} 18) \quad x + 2y &= -4 \\ -x - 4y &= 12 \end{aligned}$$

$$\begin{aligned} 19) \quad -3x + 3y &= -9 \\ 3x + 2y &= 14 \end{aligned}$$

$$\begin{aligned} 20) \quad -x - 5y &= -4 \\ x + 2y &= 4 \end{aligned}$$

$$\begin{aligned} 21) \quad 4x + 5y &= -15 \\ 5x - 5y &= 15 \end{aligned}$$

$$\begin{aligned} 22) \quad -2x - 6y &= 16 \\ 2x + 2y &= 0 \end{aligned}$$

$$\begin{aligned} 23) \quad -6x + 5y &= 8 \\ 5x - 5y &= -10 \end{aligned}$$

$$\begin{aligned} 24) \quad 6x - 6y &= 0 \\ -6x + 5y &= 1 \end{aligned}$$



Answers to Assignment (ID: 3)

1) $(-6, -3)$

5) $(-2, -3)$

9) $(4, 4)$

13) $(-1, 3)$

17) $(0, -6)$

21) $(0, -3)$

2) $(0, -6)$

6) $(4, -1)$

10) $(-4, -3)$

14) $(3, 5)$

18) $(4, -4)$

22) $(4, -4)$

3) $(-2, -1)$

7) $(-1, 3)$

11) $(2, -5)$

15) $(-3, -1)$

19) $(4, 1)$

23) $(2, 4)$

4) $(3, 2)$

8) $(0, 5)$

12) $(-6, 6)$

16) $(-3, -1)$

20) $(4, 0)$

24) $(-1, -1)$



Assignment

Solve each system by elimination.

$$\begin{aligned} 1) \quad & x - 2y = 0 \\ & -2x + 2y = -2 \end{aligned}$$

$$\begin{aligned} 2) \quad & 2x - y = -8 \\ & -2x - 6y = 8 \end{aligned}$$

$$\begin{aligned} 3) \quad & 4x - 2y = 14 \\ & -5x + 2y = -18 \end{aligned}$$

$$\begin{aligned} 4) \quad & -2x + y = 6 \\ & 5x - y = -6 \end{aligned}$$

$$\begin{aligned} 5) \quad & x + 6y = 18 \\ & 6x - 6y = -18 \end{aligned}$$

$$\begin{aligned} 6) \quad & 2x + 4y = -8 \\ & 6x - 4y = -8 \end{aligned}$$

$$\begin{aligned} 7) \quad & -x - 3y = 8 \\ & 6x + 3y = 12 \end{aligned}$$

$$\begin{aligned} 8) \quad & -2x - 3y = 2 \\ & 4x + 3y = -4 \end{aligned}$$

$$\begin{aligned} 9) \quad & -x + 4y = -1 \\ & x - y = 1 \end{aligned}$$

$$\begin{aligned} 10) \quad & -x - 3y = 15 \\ & x + 2y = -9 \end{aligned}$$

$$\begin{aligned} 11) \quad & x - y = -4 \\ & 3x + y = 12 \end{aligned}$$

$$\begin{aligned} 12) \quad & 4x - y = -12 \\ & -4x - 6y = -16 \end{aligned}$$

$$\begin{aligned} 13) \quad & 5x - 5y = -5 \\ & 5x + 5y = -15 \end{aligned}$$

$$\begin{aligned} 14) \quad & 4x + y = 2 \\ & -2x - y = 0 \end{aligned}$$

$$\begin{aligned} 15) \quad & 4x + 2y = 4 \\ & 6x - 2y = -14 \end{aligned}$$

$$\begin{aligned} 16) \quad & -3x + 2y = -4 \\ & 6x - 2y = 16 \end{aligned}$$

$$\begin{aligned} 17) \quad & x + 2y = -12 \\ & -2x - 2y = 14 \end{aligned}$$

$$\begin{aligned} 18) \quad & -2x + 5y = 17 \\ & 4x - 5y = -9 \end{aligned}$$

$$\begin{aligned} 19) \quad & 3x - 6y = 0 \\ & x + 6y = -16 \end{aligned}$$

$$\begin{aligned} 20) \quad & x - 4y = 17 \\ & -x - 2y = 7 \end{aligned}$$

$$\begin{aligned} 21) \quad & -3x + y = -3 \\ & 5x - y = 1 \end{aligned}$$

$$\begin{aligned} 22) \quad & -2x + 2y = 10 \\ & x - 2y = -9 \end{aligned}$$

$$\begin{aligned} 23) \quad & -4x - 5y = 2 \\ & 6x + 5y = -8 \end{aligned}$$

$$\begin{aligned} 24) \quad & -6x - y = -12 \\ & 6x - 2y = 12 \end{aligned}$$



Answers to Assignment (ID: 4)

1) (2, 1)

5) (0, 3)

9) (1, 0)

13) (-2, -1)

17) (-2, -5)

21) (-1, -6)

2) (-4, 0)

6) (-2, -1)

10) (3, -6)

14) (1, -2)

18) (4, 5)

22) (-1, 4)

3) (4, 1)

7) (4, -4)

11) (2, 6)

15) (-1, 4)

19) (-4, -2)

23) (-3, 2)

4) (0, 6)

8) (-1, 0)

12) (-2, 4)

16) (4, 4)

20) (1, -4)

24) (2, 0)



Assignment

Solve each system by elimination.

$$\begin{aligned} 1) \quad & -4x - 6y = -2 \\ & 6x + 6y = 6 \end{aligned}$$

$$\begin{aligned} 2) \quad & -4x - 3y = 3 \\ & 4x + 6y = -6 \end{aligned}$$

$$\begin{aligned} 3) \quad & 6x - 3y = 15 \\ & 4x + 3y = -15 \end{aligned}$$

$$\begin{aligned} 4) \quad & 3x + 2y = 12 \\ & 4x - 2y = -12 \end{aligned}$$

$$\begin{aligned} 5) \quad & -6x + y = -4 \\ & -6x - y = 4 \end{aligned}$$

$$\begin{aligned} 6) \quad & -3x + y = 6 \\ & 6x - y = -12 \end{aligned}$$

$$\begin{aligned} 7) \quad & -3x - y = 0 \\ & -x + y = -4 \end{aligned}$$

$$\begin{aligned} 8) \quad & 6x + y = 13 \\ & -2x - y = -5 \end{aligned}$$

$$\begin{aligned} 9) \quad & 2x + 3y = 0 \\ & -2x + 4y = 0 \end{aligned}$$

$$\begin{aligned} 10) \quad & -3x - 2y = 4 \\ & -6x + 2y = 14 \end{aligned}$$

$$\begin{aligned} 11) \quad & 5x - y = 5 \\ & -6x + y = -6 \end{aligned}$$

$$\begin{aligned} 12) \quad & 3x + 4y = 14 \\ & -4x - 4y = -16 \end{aligned}$$

$$\begin{aligned} 13) \quad & 5x - 4y = -16 \\ & -5x - 3y = -12 \end{aligned}$$

$$\begin{aligned} 14) \quad & 6x + 6y = 6 \\ & 5x - 6y = -17 \end{aligned}$$

$$\begin{aligned} 15) \quad & -2x + 5y = 4 \\ & 2x - 6y = -4 \end{aligned}$$

$$\begin{aligned} 16) \quad & 5x + y = 13 \\ & -5x + 2y = -4 \end{aligned}$$

$$\begin{aligned} 17) \quad & -2x - y = 5 \\ & 2x + 5y = 7 \end{aligned}$$

$$\begin{aligned} 18) \quad & 2x - 5y = -3 \\ & 4x + 5y = 9 \end{aligned}$$

$$\begin{aligned} 19) \quad & -x - 5y = -14 \\ & 5x + 5y = -10 \end{aligned}$$

$$\begin{aligned} 20) \quad & x + 2y = -4 \\ & -x + 2y = -12 \end{aligned}$$

$$\begin{aligned} 21) \quad & -2x + 4y = 0 \\ & 2x - 5y = 3 \end{aligned}$$

$$\begin{aligned} 22) \quad & x + 5y = -15 \\ & 4x - 5y = -10 \end{aligned}$$

$$\begin{aligned} 23) \quad & -x - 2y = -7 \\ & -5x + 2y = 1 \end{aligned}$$

$$\begin{aligned} 24) \quad & 6x - 3y = 0 \\ & -6x + 5y = 0 \end{aligned}$$



Answers to Assignment (ID: 5)

1) (2, -1)

5) (0, -4)

9) (0, 0)

13) (0, 4)

17) (-4, 3)

21) (-6, -3)

2) (0, -1)

6) (-2, 0)

10) (-2, 1)

14) (-1, 2)

18) (1, 1)

22) (-5, -2)

3) (0, -5)

7) (1, -3)

11) (1, 0)

15) (-2, 0)

19) (-6, 4)

23) (1, 3)

4) (0, 6)

8) (2, 1)

12) (2, 2)

16) (2, 3)

20) (4, -4)

24) (0, 0)



Assignment

Solve each system by elimination.

$$\begin{aligned} 1) \quad & -x - y = -4 \\ & x + 6y = -6 \end{aligned}$$

$$\begin{aligned} 2) \quad & 3x - 2y = -3 \\ & -6x + 2y = -6 \end{aligned}$$

$$\begin{aligned} 3) \quad & 6x - 3y = -9 \\ & -2x + 3y = -7 \end{aligned}$$

$$\begin{aligned} 4) \quad & 2x - y = 7 \\ & -2x + 4y = -16 \end{aligned}$$

$$\begin{aligned} 5) \quad & 2x - 3y = -12 \\ & -2x - 2y = -18 \end{aligned}$$

$$\begin{aligned} 6) \quad & -4x - 5y = -16 \\ & 4x - 3y = 16 \end{aligned}$$

$$\begin{aligned} 7) \quad & -x - 6y = -16 \\ & x - 5y = -17 \end{aligned}$$

$$\begin{aligned} 8) \quad & x + 3y = -1 \\ & -4x - 3y = -5 \end{aligned}$$

$$\begin{aligned} 9) \quad & x + y = -5 \\ & 4x - y = 10 \end{aligned}$$

$$\begin{aligned} 10) \quad & -3x - 5y = 9 \\ & 3x - 4y = 18 \end{aligned}$$

$$\begin{aligned} 11) \quad & x + 4y = -16 \\ & -3x - 4y = 16 \end{aligned}$$

$$\begin{aligned} 12) \quad & 5x - y = 15 \\ & -2x + y = -6 \end{aligned}$$

$$\begin{aligned} 13) \quad & 5x + 2y = 0 \\ & -5x + y = 15 \end{aligned}$$

$$\begin{aligned} 14) \quad & -5x + 3y = 2 \\ & 5x - 2y = 2 \end{aligned}$$

$$\begin{aligned} 15) \quad & x - 4y = 10 \\ & -2x + 4y = -16 \end{aligned}$$

$$\begin{aligned} 16) \quad & -5x + 2y = 10 \\ & -4x - 2y = -10 \end{aligned}$$

$$\begin{aligned} 17) \quad & 4x + 3y = 8 \\ & -3x - 3y = -3 \end{aligned}$$

$$\begin{aligned} 18) \quad & -6x + y = 9 \\ & -x - y = -2 \end{aligned}$$

$$\begin{aligned} 19) \quad & -2x - 6y = 12 \\ & -5x + 6y = 9 \end{aligned}$$

$$\begin{aligned} 20) \quad & 3x - 4y = 18 \\ & -3x - 4y = -18 \end{aligned}$$

$$\begin{aligned} 21) \quad & -3x + 2y = 7 \\ & x - 2y = -5 \end{aligned}$$

$$\begin{aligned} 22) \quad & 6x + 6y = -12 \\ & -6x + 6y = -12 \end{aligned}$$

$$\begin{aligned} 23) \quad & -x - 6y = 0 \\ & x - 2y = 8 \end{aligned}$$

$$\begin{aligned} 24) \quad & 6x + y = -11 \\ & -6x - 6y = 6 \end{aligned}$$



Answers to Assignment (ID: 6)

1) $(6, -2)$

5) $(3, 6)$

9) $(1, -6)$

13) $(-2, 5)$

17) $(5, -4)$

21) $(-1, 2)$

2) $(3, 6)$

6) $(4, 0)$

10) $(2, -3)$

14) $(2, 4)$

18) $(-1, 3)$

22) $(0, -2)$

3) $(-4, -5)$

7) $(-2, 3)$

11) $(0, -4)$

15) $(6, -1)$

19) $(-3, -1)$

23) $(6, -1)$

4) $(2, -3)$

8) $(2, -1)$

12) $(3, 0)$

16) $(0, 5)$

20) $(6, 0)$

24) $(-2, 1)$



Assignment

Solve each system by elimination.

$$\begin{aligned} 1) \quad x - y &= 5 \\ -x + 3y &= -9 \end{aligned}$$

$$\begin{aligned} 2) \quad -2x + 2y &= 2 \\ 5x - 2y &= 1 \end{aligned}$$

$$\begin{aligned} 3) \quad x - 3y &= 0 \\ -6x + 3y &= -15 \end{aligned}$$

$$\begin{aligned} 4) \quad x - 2y &= 12 \\ -x - 3y &= 13 \end{aligned}$$

$$\begin{aligned} 5) \quad -3x + 4y &= 17 \\ -5x - 4y &= 7 \end{aligned}$$

$$\begin{aligned} 6) \quad 6x - 6y &= 12 \\ -6x - 5y &= -1 \end{aligned}$$

$$\begin{aligned} 7) \quad -2x - 2y &= -6 \\ -5x + 2y &= -15 \end{aligned}$$

$$\begin{aligned} 8) \quad -4x - y &= -8 \\ -x + y &= -2 \end{aligned}$$

$$\begin{aligned} 9) \quad 6x - 4y &= 2 \\ -6x + 5y &= -1 \end{aligned}$$

$$\begin{aligned} 10) \quad -6x + y &= -18 \\ x - y &= 8 \end{aligned}$$

$$\begin{aligned} 11) \quad -6x + 6y &= 0 \\ 6x - 5y &= -5 \end{aligned}$$

$$\begin{aligned} 12) \quad 2x - 2y &= 10 \\ -2x - 4y &= 14 \end{aligned}$$

$$\begin{aligned} 13) \quad 5x + 3y &= 14 \\ -6x - 3y &= -18 \end{aligned}$$

$$\begin{aligned} 14) \quad -4x + 3y &= 2 \\ 4x + 2y &= -12 \end{aligned}$$

$$\begin{aligned} 15) \quad 2x - 2y &= -12 \\ -x + 2y &= 12 \end{aligned}$$

$$\begin{aligned} 16) \quad 3x - 4y &= 11 \\ -3x + 3y &= -12 \end{aligned}$$

$$\begin{aligned} 17) \quad -2x - y &= 2 \\ 2x - y &= -10 \end{aligned}$$

$$\begin{aligned} 18) \quad -3x - 5y &= -11 \\ -4x + 5y &= -3 \end{aligned}$$

$$\begin{aligned} 19) \quad -3x - 5y &= 18 \\ 3x - 4y &= 9 \end{aligned}$$

$$\begin{aligned} 20) \quad -3x - 2y &= 6 \\ -3x + 2y &= -6 \end{aligned}$$

$$\begin{aligned} 21) \quad -x - 6y &= -13 \\ x - 5y &= -9 \end{aligned}$$

$$\begin{aligned} 22) \quad 3x - 2y &= -16 \\ -4x + 2y &= 18 \end{aligned}$$

$$\begin{aligned} 23) \quad 2x + y &= -11 \\ -x - y &= 6 \end{aligned}$$

$$\begin{aligned} 24) \quad -5x - 6y &= -5 \\ 4x + 6y &= 4 \end{aligned}$$



Answers to Assignment (ID: 7)

1) $(3, -2)$

5) $(-3, 2)$

9) $(1, 1)$

13) $(4, -2)$

17) $(-3, 4)$

21) $(1, 2)$

2) $(1, 2)$

6) $(1, -1)$

10) $(2, -6)$

14) $(-2, -2)$

18) $(2, 1)$

22) $(-2, 5)$

3) $(3, 1)$

7) $(3, 0)$

11) $(-5, -5)$

15) $(0, 6)$

19) $(-1, -3)$

23) $(-5, -1)$

4) $(2, -5)$

8) $(2, 0)$

12) $(1, -4)$

16) $(5, 1)$

20) $(0, -3)$

24) $(1, 0)$



Assignment

Solve each system by elimination.

$$\begin{aligned} 1) \quad & -3x + y = -9 \\ & 3x + 5y = 9 \end{aligned}$$

$$\begin{aligned} 2) \quad & 2x - 6y = -16 \\ & -2x + 4y = 12 \end{aligned}$$

$$\begin{aligned} 3) \quad & 4x - 2y = 14 \\ & -2x + 2y = -10 \end{aligned}$$

$$\begin{aligned} 4) \quad & 2x + 4y = 12 \\ & -x - 4y = -12 \end{aligned}$$

$$\begin{aligned} 5) \quad & 3x - 3y = -6 \\ & -3x + 6y = 6 \end{aligned}$$

$$\begin{aligned} 6) \quad & -x - y = 11 \\ & x - 4y = 14 \end{aligned}$$

$$\begin{aligned} 7) \quad & -4x + 3y = 13 \\ & 4x + 3y = 5 \end{aligned}$$

$$\begin{aligned} 8) \quad & -5x - 2y = 16 \\ & 5x + y = -13 \end{aligned}$$

$$\begin{aligned} 9) \quad & -3x + 4y = -11 \\ & x - 4y = 17 \end{aligned}$$

$$\begin{aligned} 10) \quad & 5x - y = -18 \\ & -5x - 4y = 3 \end{aligned}$$

$$\begin{aligned} 11) \quad & 6x + 6y = 6 \\ & 6x - 6y = -18 \end{aligned}$$

$$\begin{aligned} 12) \quad & 2x + 3y = -7 \\ & -2x - 4y = 8 \end{aligned}$$

$$\begin{aligned} 13) \quad & 6x - 3y = -6 \\ & -6x + 4y = 6 \end{aligned}$$

$$\begin{aligned} 14) \quad & 5x + 6y = -14 \\ & -5x - 4y = 16 \end{aligned}$$

$$\begin{aligned} 15) \quad & -5x - 3y = 10 \\ & 4x + 3y = -11 \end{aligned}$$

$$\begin{aligned} 16) \quad & 3x + 2y = -6 \\ & -3x + 6y = -18 \end{aligned}$$

$$\begin{aligned} 17) \quad & -4x + y = 7 \\ & -2x - y = 11 \end{aligned}$$

$$\begin{aligned} 18) \quad & -5x + y = 2 \\ & 5x + 6y = 12 \end{aligned}$$

$$\begin{aligned} 19) \quad & -x + 3y = 0 \\ & 3x - 3y = 12 \end{aligned}$$

$$\begin{aligned} 20) \quad & 2x + y = -2 \\ & -x - y = -1 \end{aligned}$$

$$\begin{aligned} 21) \quad & 4x - y = 14 \\ & 3x + y = 0 \end{aligned}$$

$$\begin{aligned} 22) \quad & 2x + 4y = 12 \\ & x - 4y = 0 \end{aligned}$$

$$\begin{aligned} 23) \quad & -x + y = -4 \\ & x + 3y = -4 \end{aligned}$$

$$\begin{aligned} 24) \quad & 2x - 5y = 18 \\ & -5x + 5y = -15 \end{aligned}$$



Answers to Assignment (ID: 8)

1) (3, 0)

5) (-2, 0)

9) (-3, -5)

13) (-1, 0)

17) (-3, -5)

21) (2, -6)

2) (-2, 2)

6) (-6, -5)

10) (-3, 3)

14) (-4, 1)

18) (0, 2)

22) (4, 1)

3) (2, -3)

7) (-1, 3)

11) (-1, 2)

15) (1, -5)

19) (6, 2)

23) (2, -2)

4) (0, 3)

8) (-2, -3)

12) (-2, -1)

16) (0, -3)

20) (-3, 4)

24) (-1, -4)



Assignment

Solve each system by elimination.

$$\begin{aligned} 1) \quad & 5x - y = 6 \\ & 6x + y = 5 \end{aligned}$$

$$\begin{aligned} 2) \quad & 3x + 3y = -6 \\ & -5x - 3y = 6 \end{aligned}$$

$$\begin{aligned} 3) \quad & -2x + 2y = -2 \\ & 3x - 2y = 4 \end{aligned}$$

$$\begin{aligned} 4) \quad & -5x - 3y = 0 \\ & -5x + 3y = 0 \end{aligned}$$

$$\begin{aligned} 5) \quad & 6x + 5y = -10 \\ & -6x - 3y = 6 \end{aligned}$$

$$\begin{aligned} 6) \quad & x + 3y = -9 \\ & x - 3y = 3 \end{aligned}$$

$$\begin{aligned} 7) \quad & 2x + 3y = -2 \\ & -2x + 2y = -18 \end{aligned}$$

$$\begin{aligned} 8) \quad & 2x + 2y = -2 \\ & -2x - 5y = -10 \end{aligned}$$

$$\begin{aligned} 9) \quad & x - 3y = 0 \\ & x + 3y = 12 \end{aligned}$$

$$\begin{aligned} 10) \quad & -6x + 3y = -9 \\ & -3x - 3y = -9 \end{aligned}$$

$$\begin{aligned} 11) \quad & 3x + 2y = 16 \\ & -3x + 4y = 14 \end{aligned}$$

$$\begin{aligned} 12) \quad & x - 6y = 8 \\ & -x - 5y = 14 \end{aligned}$$

$$\begin{aligned} 13) \quad & -4x - 6y = 10 \\ & 4x - 3y = -1 \end{aligned}$$

$$\begin{aligned} 14) \quad & -3x + 4y = -16 \\ & 2x - 4y = 16 \end{aligned}$$

$$\begin{aligned} 15) \quad & 3x - 6y = -18 \\ & -3x + 5y = 17 \end{aligned}$$

$$\begin{aligned} 16) \quad & -3x - 6y = -18 \\ & 2x + 6y = 16 \end{aligned}$$

$$\begin{aligned} 17) \quad & -5x - 4y = -18 \\ & x + 4y = 10 \end{aligned}$$

$$\begin{aligned} 18) \quad & -5x - 2y = 5 \\ & -6x + 2y = 6 \end{aligned}$$

$$\begin{aligned} 19) \quad & 4x + 3y = 12 \\ & 2x - 3y = -12 \end{aligned}$$

$$\begin{aligned} 20) \quad & 4x - 2y = 8 \\ & 5x + 2y = 1 \end{aligned}$$

$$\begin{aligned} 21) \quad & 2x - 5y = 13 \\ & -2x + 4y = -12 \end{aligned}$$

$$\begin{aligned} 22) \quad & -2x + 3y = 7 \\ & 2x - y = -5 \end{aligned}$$

$$\begin{aligned} 23) \quad & 5x - 3y = 10 \\ & -6x + 3y = -9 \end{aligned}$$

$$\begin{aligned} 24) \quad & 6x - 6y = -12 \\ & -2x + 6y = 12 \end{aligned}$$



Answers to Assignment (ID: 9)

1) $(1, -1)$

5) $(0, -2)$

9) $(6, 2)$

13) $(-1, -1)$

17) $(2, 2)$

21) $(4, -1)$

2) $(0, -2)$

6) $(-3, -2)$

10) $(2, 1)$

14) $(0, -4)$

18) $(-1, 0)$

22) $(-2, 1)$

3) $(2, 1)$

7) $(5, -4)$

11) $(2, 5)$

15) $(-4, 1)$

19) $(0, 4)$

23) $(-1, -5)$

4) $(0, 0)$

8) $(-5, 4)$

12) $(-4, -2)$

16) $(2, 2)$

20) $(1, -2)$

24) $(0, 2)$



Assignment

Solve each system by elimination.

$$\begin{aligned} 1) \quad & 4x - 5y = 11 \\ & -4x + y = 1 \end{aligned}$$

$$\begin{aligned} 2) \quad & -x + 6y = -3 \\ & 5x - 6y = -9 \end{aligned}$$

$$\begin{aligned} 3) \quad & 6x + y = 16 \\ & -6x - 2y = -14 \end{aligned}$$

$$\begin{aligned} 4) \quad & 4x - 5y = -7 \\ & -4x + 3y = 1 \end{aligned}$$

$$\begin{aligned} 5) \quad & -2x + 3y = 13 \\ & x - 3y = -8 \end{aligned}$$

$$\begin{aligned} 6) \quad & -x - 4y = 14 \\ & x + y = 1 \end{aligned}$$

$$\begin{aligned} 7) \quad & -x - y = 3 \\ & -2x + y = -3 \end{aligned}$$

$$\begin{aligned} 8) \quad & 4x + 6y = 2 \\ & -6x - 6y = 0 \end{aligned}$$

$$\begin{aligned} 9) \quad & -3x - 5y = 6 \\ & 3x - y = 12 \end{aligned}$$

$$\begin{aligned} 10) \quad & -2x + 3y = 9 \\ & 5x - 3y = -9 \end{aligned}$$

$$\begin{aligned} 11) \quad & 5x - 4y = -5 \\ & -4x + 4y = 4 \end{aligned}$$

$$\begin{aligned} 12) \quad & -2x + y = 9 \\ & 2x + 6y = -16 \end{aligned}$$

$$\begin{aligned} 13) \quad & 2x - 2y = -14 \\ & -2x - 2y = 10 \end{aligned}$$

$$\begin{aligned} 14) \quad & -x - y = 2 \\ & x - 2y = 13 \end{aligned}$$

$$\begin{aligned} 15) \quad & 2x - 4y = 12 \\ & -2x - 3y = 2 \end{aligned}$$

$$\begin{aligned} 16) \quad & -4x - 2y = 18 \\ & 4x - 5y = 3 \end{aligned}$$

$$\begin{aligned} 17) \quad & -6x + 6y = -12 \\ & 6x - 2y = 8 \end{aligned}$$

$$\begin{aligned} 18) \quad & 6x + y = -16 \\ & -6x + 4y = -4 \end{aligned}$$

$$\begin{aligned} 19) \quad & 3x - 2y = -2 \\ & -x + 2y = -2 \end{aligned}$$

$$\begin{aligned} 20) \quad & -3x + y = -1 \\ & 5x - y = 1 \end{aligned}$$

$$\begin{aligned} 21) \quad & 6x - 2y = -12 \\ & -6x + 6y = 12 \end{aligned}$$

$$\begin{aligned} 22) \quad & 2x + 3y = -2 \\ & -2x + 4y = 16 \end{aligned}$$

$$\begin{aligned} 23) \quad & -3x - y = 1 \\ & 3x + 6y = 9 \end{aligned}$$

$$\begin{aligned} 24) \quad & -x + y = -8 \\ & -6x - y = -13 \end{aligned}$$



Answers to Assignment (ID: 10)

- 1) $(-1, -3)$
- 5) $(-5, 1)$
- 9) $(3, -3)$
- 13) $(-6, 1)$
- 17) $(1, -1)$
- 21) $(-2, 0)$

- 2) $(-3, -1)$
- 6) $(6, -5)$
- 10) $(0, 3)$
- 14) $(3, -5)$
- 18) $(-2, -4)$
- 22) $(-4, 2)$

- 3) $(3, -2)$
- 7) $(0, -3)$
- 11) $(-1, 0)$
- 15) $(2, -2)$
- 19) $(-2, -2)$
- 23) $(-1, 2)$

- 4) $(2, 3)$
- 8) $(-1, 1)$
- 12) $(-5, -1)$
- 16) $(-3, -3)$
- 20) $(0, -1)$
- 24) $(3, -5)$

