

Systems of Equations ***Solve each system of equations.***

1) $-2x + 2y = 4$ $x = \underline{\hspace{2cm}}$
 $-2x + y = 3$ $y = \underline{\hspace{2cm}}$

2) $-10x + 2y = -6$ $x = \underline{\hspace{2cm}}$
 $6x - 16y = 48$ $y = \underline{\hspace{2cm}}$

3) $y = -8$ $x = \underline{\hspace{2cm}}$
 $16x - 12y = 32$

4) $2y = -6x + 10$ $x = \underline{\hspace{2cm}}$
 $10x - 8y = -6$ $y = \underline{\hspace{2cm}}$

5) $10x - 9y = -13$ $x = \underline{\hspace{2cm}}$
 $-5x + 3y = 11$ $y = \underline{\hspace{2cm}}$

6) $-3x - 4y = 5$ $x = \underline{\hspace{2cm}}$
 $x - 2y = 5$ $y = \underline{\hspace{2cm}}$

7) $5x - 14y = -23$ $x = \underline{\hspace{2cm}}$
 $-6x + 7y = 8$ $y = \underline{\hspace{2cm}}$

8) $10x - 14y = -4$ $x = \underline{\hspace{2cm}}$
 $-10x - 20y = -30$ $y = \underline{\hspace{2cm}}$

9) $-4x + 12y = 12$ $x = \underline{\hspace{2cm}}$
 $-14x + 16y = -10$ $y = \underline{\hspace{2cm}}$

10) $x + 20y = 56$ $x = \underline{\hspace{2cm}}$
 $x + 15y = 41$ $y = \underline{\hspace{2cm}}$

11) $6x - 7y = -8$ $x = \underline{\hspace{2cm}}$
 $-x - 4y = -9$ $y = \underline{\hspace{2cm}}$

12) $-3x + 2y = -18$ $x = \underline{\hspace{2cm}}$
 $8x - 2y = 28$ $y = \underline{\hspace{2cm}}$

13) $-5x + y = -3$ $x = \underline{\hspace{2cm}}$
 $3x - 8y = 24$ $y = \underline{\hspace{2cm}}$

14) $3x - 2y = 2$ $x = \underline{\hspace{2cm}}$
 $5x - 5y = 10$ $y = \underline{\hspace{2cm}}$

15) $8x + 14y = 4$ $x = \underline{\hspace{2cm}}$
 $-6x - 7y = -10$ $y = \underline{\hspace{2cm}}$

16) $10x + 7y = 1$ $x = \underline{\hspace{2cm}}$
 $-5x - 7y = 24$ $y = \underline{\hspace{2cm}}$



Answers

Systems of Equations

1) $x = -1, y = 1$

2) $x = 0, y = -3$

3) $x = -4$

4) $x = 1, y = 2$

5) $x = -4, y = -3$

6) $x = 1, y = -2$

7) $x = 1, y = 2$

8) $x = 1, y = 1$

9) $x = 3, y = 2$

10) $x = -4, y = 3$

11) $x = 1, y = 2$

12) $x = 2, y = -6$

13) $x = 0, y = -3$

14) $x = -2, y = -4$

15) $x = 4, y = -2$

16) $x = 5, y = -7$