

LESSON 18: Solving Systems Algebraically

Homework

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Name _____ **Date** _____

Directions: Solve the system of equations algebraically.

1. $x + 2y = 6$
 $2x + 2y = 10$

2. $3x - y = 4$
 $2x + y = 11$

SOLUTION:

SOLUTION:

3. $-x + y = -5$
 $3x - 2y = 11$

4. $-x + y = 3$
 $2x - 2y = -6$

SOLUTION:

SOLUTION:

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5. $2x + 2y = 0$
 $3x + y = 4$

SOLUTION:

6. $5x + y = 2$
 $2x - 3y = 11$

SOLUTION:

7. $-2x + y = -5$
 $x = 3$

SOLUTION:

8. $y = -1$
 $2x + 3y = 1$

SOLUTION:

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9. $4x - 3y = -15$
 $x - y = -5$

10. $-2x - y = 3$
 $-x + y = 0$

SOLUTION:

SOLUTION: