

System of Equations - Practice Worksheet

Name: _____ Date: _____

Instructions: Solve each system of equations. Show your work and write the solution as an ordered pair (x, y). Problems increase in difficulty.

1. $y = 2x + 1$ and $y = x + 3$

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2. $y = x - 4$ and $y = -x + 2$

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3. $y = 3x$ and $y = x + 6$

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4. $x + y = 10$ and $x - y = 4$

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5. $2x + y = 7$ and $x + y = 5$

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6. $3x + 2y = 12$ and $x - y = 1$

.....

7. $2x + 3y = 16$ and $4x - y = 6$

.....

8. $5x + 2y = 20$ and $3x - 2y = 12$

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9. $x/2 + y = 5$ and $x - 2y = 2$

.....

10. $3x + 4y = 24$ and $6x - 2y = 12$

.....

Answer Key

1. (2, 5)

2. (3, -1)

3. (3, 9)

4. (7, 3)

5. (2, 3)

6. (2, 3)

7. (2, 4)

8. (4, 0)

9. (4, 3)

10. (2, 4.5)