

One, none, or many

Write the pair (x, y) , or say if there is no solution or infinitely many solutions.

1. $-4x + 2y = 24, 2x + 2y = -12$

Answer: _____

2. $y = -4x + 2, 3y = -12x + 6$

Answer: _____

3. $-3x - 9y = -36, -x - 3y = -12$

Answer: _____

4. $y = 2x + 9, y = 2x - 6$

Answer: _____

5. $-6x - 6y = 10, 3x + 3y = -5$

Answer: _____

6. $8x - 4y = -27, -4x + 2y = 14$

Answer: _____

7. $-3x + y = 10, 6x - 2y = -20$

Answer: _____

8. $-x + 3y = 0, 2x - 6y = 0$

Answer: _____

9. $y = -3x + 17, y = 5x - 15$

Answer: _____

10. $x - 3y = 9, 3x - 9y = 27$

Answer: _____

11. $6x + 3y = 33, 2x + y = 11$

Answer: _____

12. $-3x + 3y = -21, -2x - 5y = 7$

Answer: _____