

## Elimination

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**Solve each system by elimination.**

1)  $8x - 5y = -11$   
 $-8x + 4y = 12$

2)  $-8x - 6y = 4$   
 $10x + 6y = -20$

3)  $-3x + 5y = -27$   
 $7x - 5y = 3$

4)  $-2x - 2y = 16$   
 $-3x + 2y = -6$

$$\begin{aligned} 5) \quad & 9x - 9y = 0 \\ & 4x - 9y = -10 \end{aligned}$$

$$\begin{aligned} 6) \quad & 7x - 10y = -30 \\ & 7x - 2y = -6 \end{aligned}$$

$$\begin{aligned} 7) \quad & -3x + 5y = 12 \\ & 5x + 5y = 20 \end{aligned}$$

$$\begin{aligned} 8) \quad & -8x - 5y = -15 \\ & 9x - 5y = -15 \end{aligned}$$

$$\begin{aligned} 9) \quad & -8x - 12y = -16 \\ & -9x - 6y = -18 \end{aligned}$$

$$\begin{aligned} 10) \quad & -x + 6y = 20 \\ & -10x + 2y = 26 \end{aligned}$$

$$\begin{aligned} 11) \quad & -7x - 3y = -13 \\ & -14x - 8y = -16 \end{aligned}$$

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

$$\begin{aligned} 13) \quad & 8x + 2y = -30 \\ & 7x - 3y = -12 \end{aligned}$$

$$\begin{aligned} 14) \quad & 10x + 7y = -19 \\ & 4x - 2y = 26 \end{aligned}$$

$$\begin{aligned} 15) \quad & -9x - 6y = -15 \\ & -10x - 9y = -5 \end{aligned}$$

$$\begin{aligned} 16) \quad & 7x + 2y = -15 \\ & 3x - 5y = 17 \end{aligned}$$

## Answers to Elimination (ID: 1)

1)  $(-2, -1)$

5)  $(2, 2)$

9)  $(2, 0)$

13)  $(-3, -3)$

2)  $(-8, 10)$

6)  $(0, 3)$

10)  $(-2, 3)$

14)  $(3, -7)$

3)  $(-6, -9)$

7)  $(1, 3)$

11)  $(4, -5)$

15)  $(5, -5)$

4)  $(-2, -6)$

8)  $(0, 3)$

12)  $(0, -1)$

16)  $(-1, -4)$