

Assignment

Date _____ Period _____

State which method(s) would be appropriate to use for each problem?

1) $y = 5x - 6$
 $y = 4x - 5$

2) $x + y = 1$
 $-x + 2y = 11$

3) $y = -2x - 8$
 $2x + 4y = -2$

4) $-4x + 5y = -13$
 $2x - 5y = -1$

5) $y = -2x + 1$
 $-4x - y = -3$

6) $y = -2x - 3$
 $y = -7x + 2$

$$\begin{aligned} 7) \quad x - 2y &= 7 \\ 2x + 5y &= 14 \end{aligned}$$

$$\begin{aligned} 8) \quad y &= 7 \\ 3x + 2y &= 11 \end{aligned}$$

$$\begin{aligned} 9) \quad y &= 2x + 12 \\ -3x + 5y &= 18 \end{aligned}$$

$$\begin{aligned} 10) \quad 6x - 4y &= -8 \\ -8x + y &= 2 \end{aligned}$$

$$\begin{aligned} 11) \quad y &= 6x - 12 \\ y &= x + 3 \end{aligned}$$

$$\begin{aligned} 12) \quad -5x - 6y &= 19 \\ -7x + y &= -11 \end{aligned}$$

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1) $y = 5x - 6$
 $y = 4x - 5$

$(1, -1)$

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 $-x + 2y = 11$

$(-3, 4)$

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$(-5, 2)$

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$(7, 3)$

5) $y = -2x + 1$
 $-4x - y = -3$

$(1, -1)$

6) $y = -2x - 3$
 $y = -7x + 2$

$(1, -5)$

$$\begin{aligned} 7) \quad x - 2y &= 7 \\ 2x + 5y &= 14 \end{aligned}$$

$$(7, 0)$$

$$\begin{aligned} 8) \quad y &= 7 \\ 3x + 2y &= 11 \end{aligned}$$

$$(-1, 7)$$

$$\begin{aligned} 9) \quad y &= 2x + 12 \\ -3x + 5y &= 18 \end{aligned}$$

$$(-6, 0)$$

$$\begin{aligned} 10) \quad 6x - 4y &= -8 \\ -8x + y &= 2 \end{aligned}$$

$$(0, 2)$$

$$\begin{aligned} 11) \quad y &= 6x - 12 \\ y &= x + 3 \end{aligned}$$

$$(3, 6)$$

$$\begin{aligned} 12) \quad -5x - 6y &= 19 \\ -7x + y &= -11 \end{aligned}$$

$$(1, -4)$$