

Practice 11.2a, 11.3a

Name _____

Be sure to use both methods to solve .

$$\begin{aligned} 1) \quad x + 8y &= -22 \\ 2x + 7y &= -17 \end{aligned}$$

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

$$\begin{aligned} 3) \quad 5x - 5y &= 25 \\ 3x + 2y &= -10 \end{aligned}$$

$$\begin{aligned} 4) \quad -7x - 6y &= -63 \\ 4x - 2y &= 36 \end{aligned}$$

Solve .

$$\begin{aligned} 5) \quad 7x + 8y &= 24 \\ 2x - 2y &= -6 \end{aligned}$$

$$\begin{aligned} 6) \quad x + y &= -9 \\ x + y &= -7 \end{aligned}$$

$$\begin{aligned} 7) \quad 2x + 4y &= 13 \\ 8x + 16y &= 52 \end{aligned}$$

$$\begin{aligned} 8) \quad \frac{1}{5}x - \frac{1}{4}y &= 1 \\ \frac{2}{5}x + \frac{1}{2}y &= 2 \end{aligned}$$

Answer Key

Testname: WKS_11.2A_11.3A

- 1) $(2, -3)$
- 2) $(-5, 0)$
- 3) $(0, -5)$
- 4) $(9, 0)$
- 5) $(0, 3)$
- 6) No solutions
- 7) Infinitely many
- 8) $(5, 0)$