

Linear Systems Practice Quiz #1

Date _____ Hour _____

Solve each system by substitution or elimination. You must use each method AT LEAST twice. To receive credit, you must show your work.

1) $y = 4x - 25$
 $-13x + 10y = -34$

2) $-7x + 5y = -22$
 $x - 3y = 10$

3) $6x + 9y = 15$
 $-3x - y = 17$

4) $-16x - 8y = 2$
 $40x + 20y = 0$

$$\begin{aligned} 5) \quad & 3x + 4y = 26 \\ & 3x - 5y = 8 \end{aligned}$$

$$\begin{aligned} 6) \quad & -7x - 9y = 20 \\ & 7x + 2y = 1 \end{aligned}$$

$$\begin{aligned} 7) \quad & -5x + 4y = 17 \\ & y = -8x - 5 \end{aligned}$$

$$\begin{aligned} 8) \quad & x = -6y + 3 \\ & -2x - y = 5 \end{aligned}$$