

6-2B: Solving Systems Using Substitution

Date _____ Period ____ Table _____

Solve each system by substitution.

1) $7x - y = 6$
 $y = -4x - 6$

2) $y = -2$
 $-x - 6y = 16$

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

4) $7x + y = 19$
 $6x + 6y = 6$

5) $-4x - 6y = 4$
 $3x + y = -10$

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

$$\begin{array}{l} 7) \ x + 3y = 21 \\ \quad 4x + 3y = 21 \end{array}$$

$$\begin{array}{l} 8) \ -5x - 5y = 10 \\ \quad x - 2y = -17 \end{array}$$

$$\begin{array}{l} 9) \ x + y = 3 \\ \quad -2x - 2y = -6 \end{array}$$

$$\begin{array}{l} 10) \ x - 8y = 11 \\ \quad -3x - y = -8 \end{array}$$

$$\begin{array}{l} 11) \ 8x + 3y = 5 \\ \quad 4x + y = -1 \end{array}$$

$$\begin{array}{l} 12) \ -x - 6y = 5 \\ \quad x + 6y = -2 \end{array}$$

$$\begin{array}{l} 13) \ -x - 4y = -8 \\ \quad x + 4y = -5 \end{array}$$

$$\begin{array}{l} 14) \ -2x + y = 5 \\ \quad 6x - 3y = -15 \end{array}$$