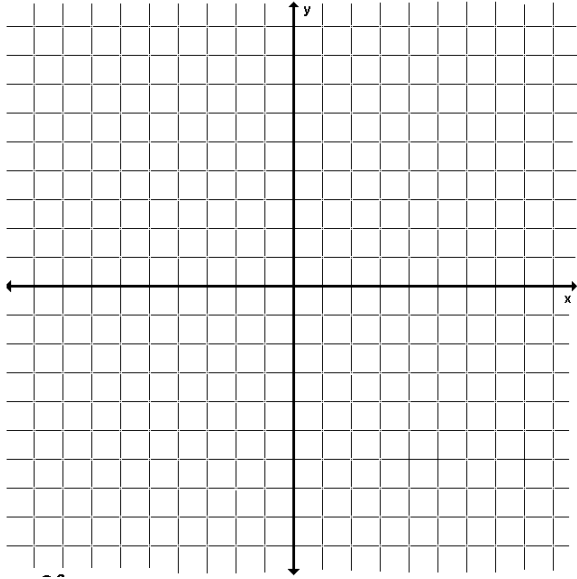


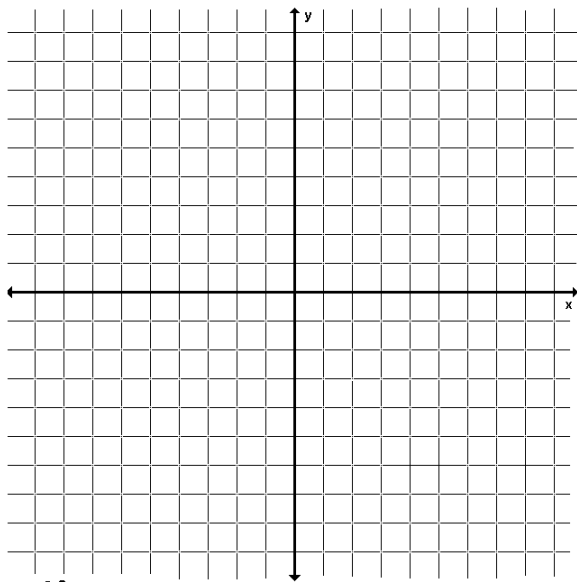
Math Quiz –6.1 Find a point by *Graphing* and *Subbing* (8th) Name: _____

Find the solution to this system by GRAPHING.

1. $\begin{cases} 4x - 2y = 4 \\ 3x + 2y = 10 \end{cases}$ answer: _____



2. $\begin{cases} 4x = 3y - 1 \\ x - 8 = -6 \end{cases}$ answer: _____



Find the solution to this system by SUBSTITUTION.

3. $\begin{cases} y = x - 3 \\ 3x + 2y = 14 \end{cases}$

4. $\begin{cases} 6x - 2y = -28 \\ 0.7x + 2.8y = -6.3 \end{cases}$

5. $\begin{cases} 7x - 4y = 0 \\ 2x + 3y = 58 \end{cases}$

6. Chiara has a can that contains 100 coins – both nickels and quarters. The number of dimes is 10 more than twice the number of nickels. How many nickels and how many dimes does Chiara have?