Math 60/80 "Solving systems of linear equations by graphing"

Determine whether each ordered pair is a solution of the systems:

1) $\begin{cases} x - y = -4 \\ 3x + y = -4 \end{cases}$ a) (2,6)   b) (-2,2)   c) (2,-2)

2) $\begin{cases} 3x - y = 2 \\ -15x + 5y = -10 \end{cases}$ a) (1,-1)   b) (-2,-8)   c) (0,-2)

Solve each system by graphing. Use graph paper.

3) $\begin{cases} y = x + 5 \\ y = -\dfrac{1}{5}x - 1 \end{cases}$

4) $\begin{cases} y = \dfrac{3}{4}x - 4 \\ y = -\dfrac{1}{2}x + 1 \end{cases}$

5) $\begin{cases} 2x - y = -1 \\ 3x + 2y = -5 \end{cases}$

6) $\begin{cases} x - 4 = 0 \\ 3x + 5y = 22 \end{cases}$

7) $\begin{cases} 2x + 3y = -3 \\ 4x + 6y = 6 \end{cases}$

8) $\begin{cases} 3x - y = -1 \\ -6x + 2y = -4 \end{cases}$

9) $\begin{cases} 2y = -4x + 6 \\ 6x + 3y = 9 \end{cases}$