

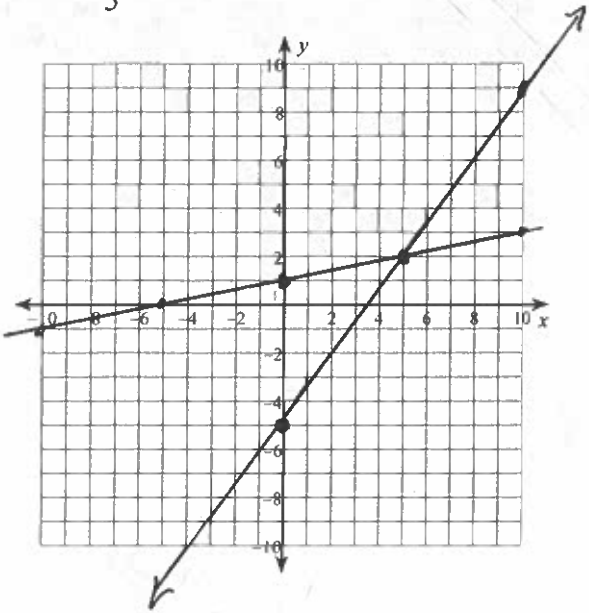
Graphing Systems Practice

Solve each system by graphing.

1) $y = \frac{7}{5}x - 5$

$y = \frac{1}{5}x + 1$

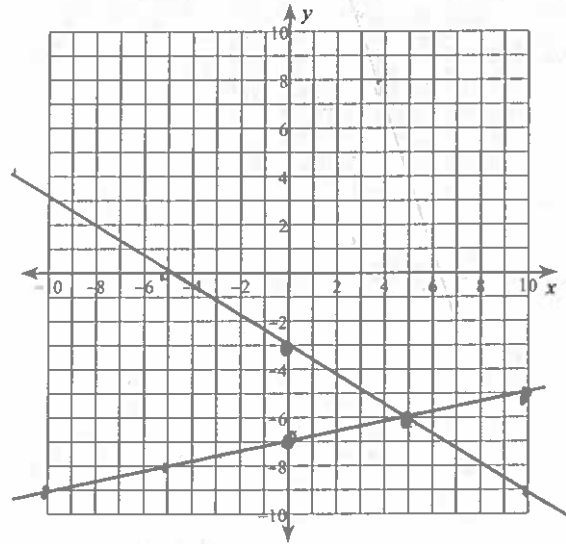
$(5, 2)$



2) $y = \frac{1}{5}x - 7$

$y = -\frac{3}{5}x - 3$

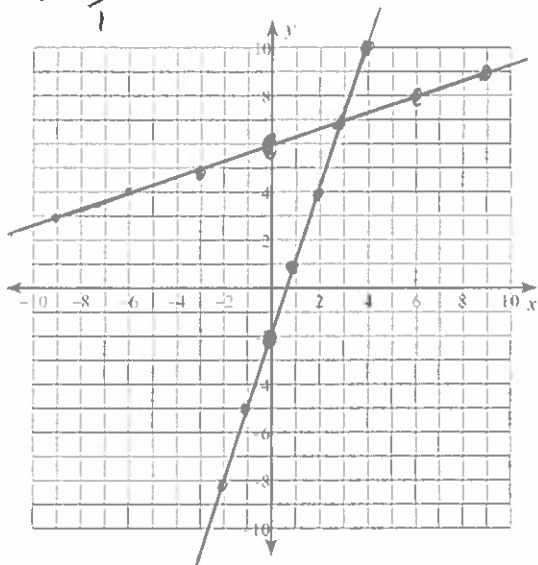
$(5, -6)$



$$3) y = \frac{1}{3}x + 6$$

$$y = \frac{3x}{1} - 2$$

(3, 7)



$$4) -y + 4 = -x$$

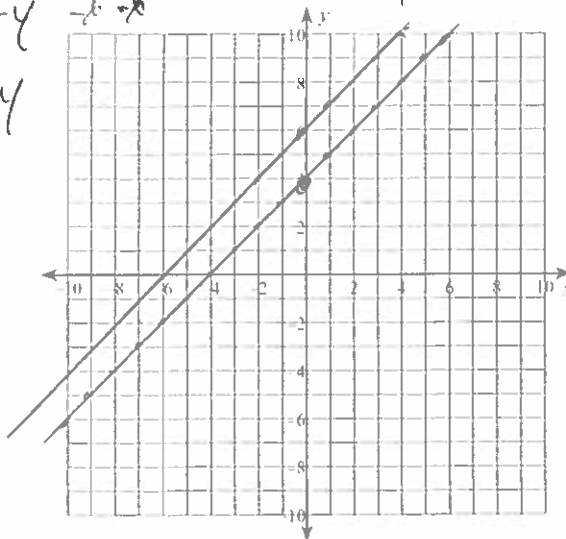
$$-6 = x - y$$

$$-x + 6 = -y$$

$$x + 6 = y$$

$$\begin{matrix} -4 & -4 \\ \rightarrow & \rightarrow \end{matrix} -y = -x - 4$$

$$y = x + 4$$



No Solution

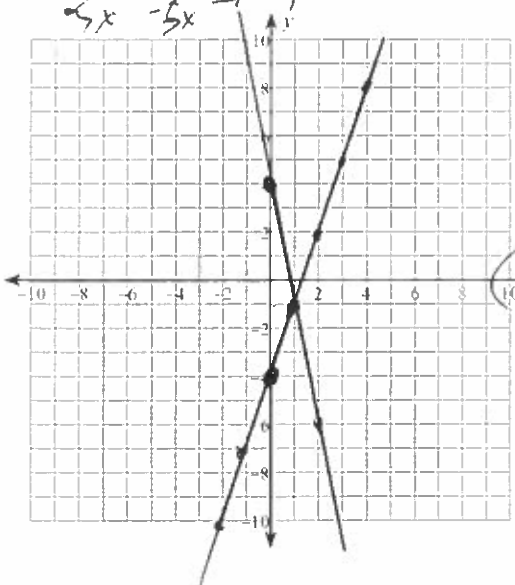
$$5) -4 + 3x - y = 0$$

$$5x + y = 4$$

$$+4 \quad +4 \rightarrow y = -4 + 3x$$

$$-5x \quad -5x \rightarrow y = -5x + 4$$

(1, -1)



$$6) 0 = -5y + 2x - 35$$

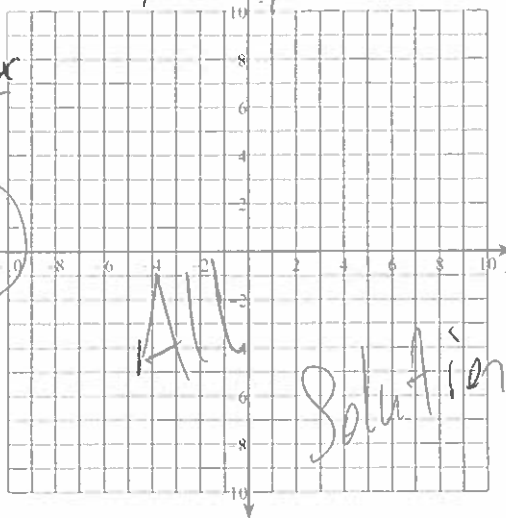
$$-35 - 5y + 2x = 0$$

$$+5y \quad +5y$$

$$\frac{5y}{5} = \frac{2x - 35}{5}$$

$$\frac{5y}{5} = \frac{2x - 35}{5}$$

$$y = \frac{2}{5}x - 7$$



All Solutions