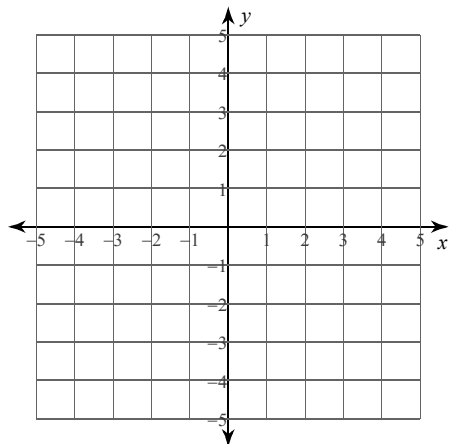


Class Time Examples

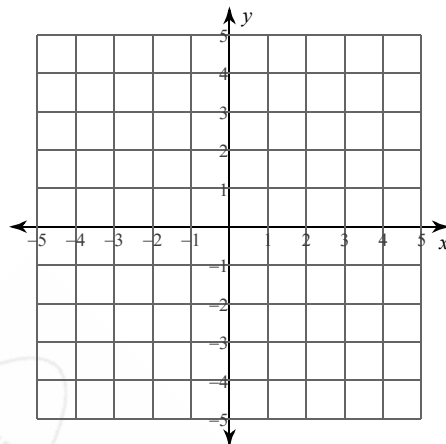
Date _____

Solve each system by graphing.

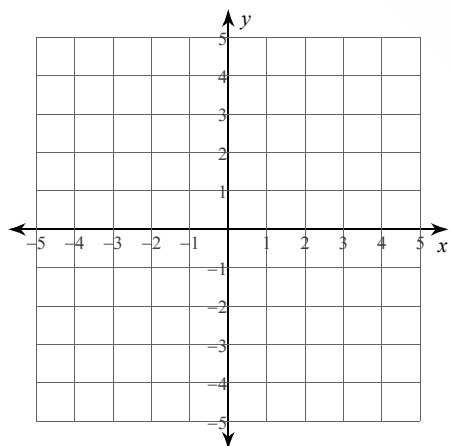
$$\begin{aligned} 1) \quad & -y - 5x = 2 \\ & 0 = 4 + x - y \end{aligned}$$



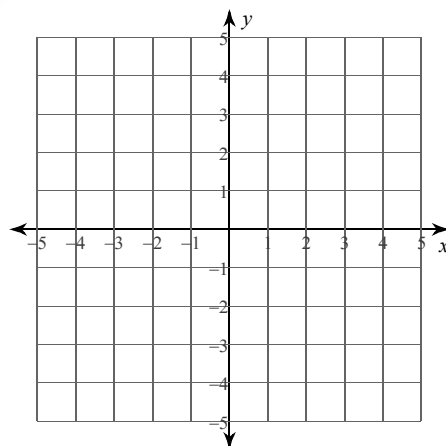
$$\begin{aligned} 2) \quad & y = 1 - 2x \\ & -y + x = -4 \end{aligned}$$



$$\begin{aligned} 3) \quad & 1 = y - \frac{5}{2}x \\ & -x + 6 = -2y \end{aligned}$$

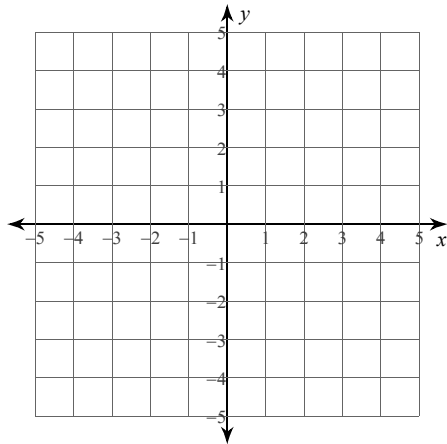


$$\begin{aligned} 4) \quad & 12 + 7x = 4y \\ & 0 = -y - 1 + \frac{7}{4}x \end{aligned}$$



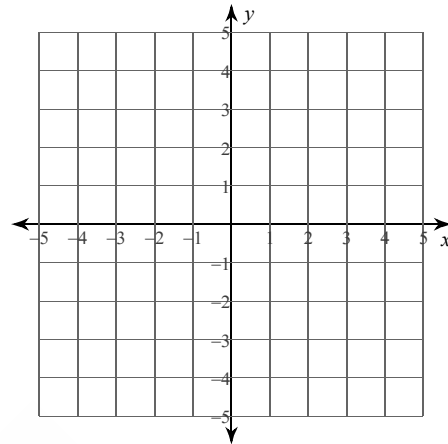
$$5) -1 = -\frac{1}{6}x - \frac{1}{3}y$$

$$15x + 6 = -6y$$



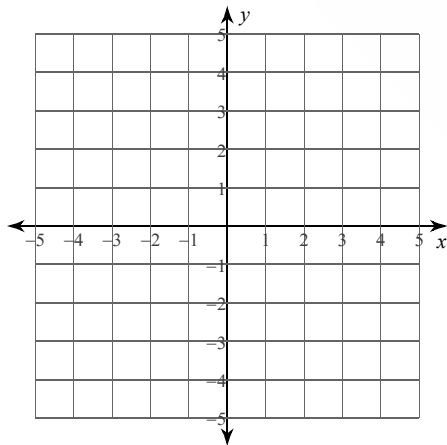
$$6) 0 = 4y - 3x + 16$$

$$0 = -2y + 8 - \frac{5}{2}x$$



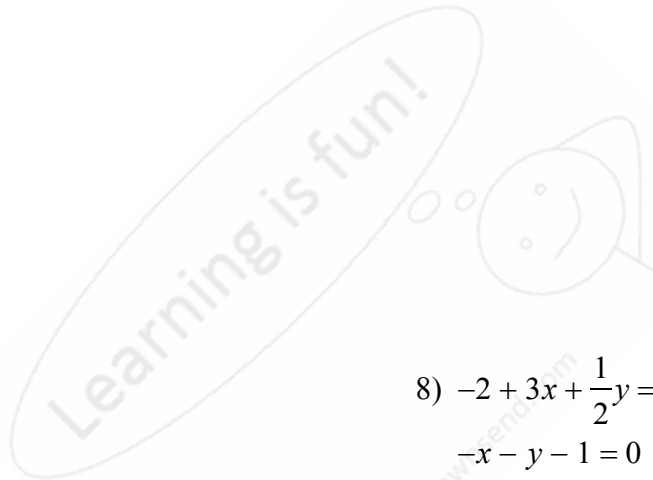
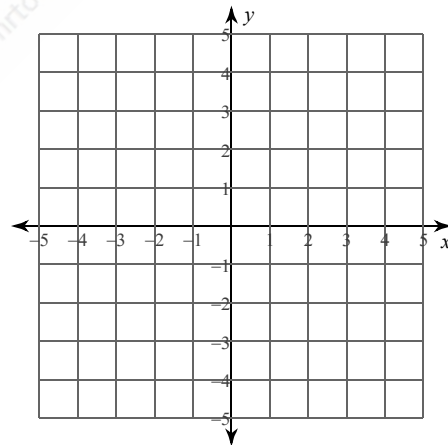
$$7) -4 + x = -2y$$

$$0 = -x - \frac{2}{7}y - \frac{8}{7}$$



$$8) -2 + 3x + \frac{1}{2}y = 0$$

$$-x - y - 1 = 0$$



Answers to Class Time Examples

1) $(-1, 3)$
5) $(-2, 4)$

2) $(-1, 3)$
6) $(4, -1)$

3) $(-2, -4)$
7) $(-2, 3)$

4) No solution
8) $(1, -2)$

