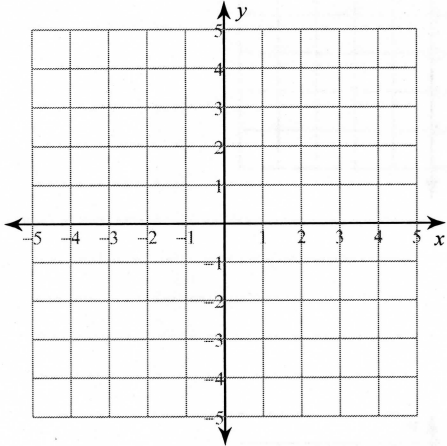


4-1 System of Equations - Solve by Graphing (ver2)_hw

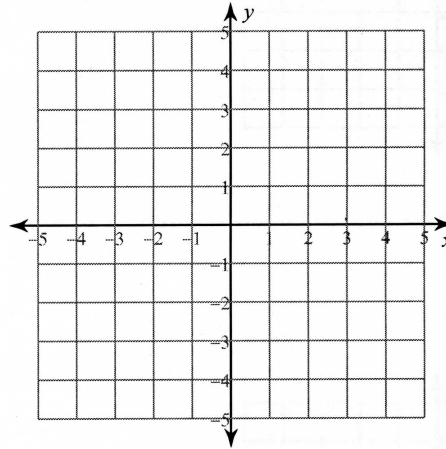
Date _____

Solve each system by graphing.

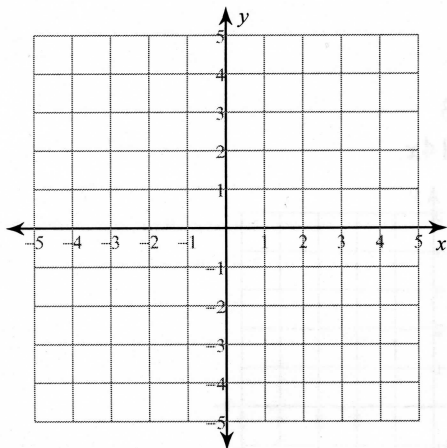
$$1) \begin{cases} y = -2x - 2 \\ y = -\frac{2}{3}x + 2 \end{cases}$$



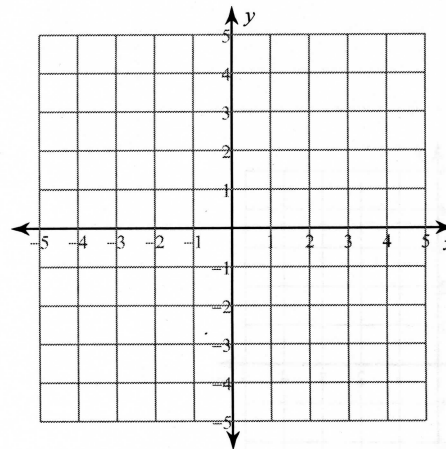
$$2) \begin{cases} y = -\frac{3}{2}x + 4 \\ y = \frac{1}{2}x - 4 \end{cases}$$



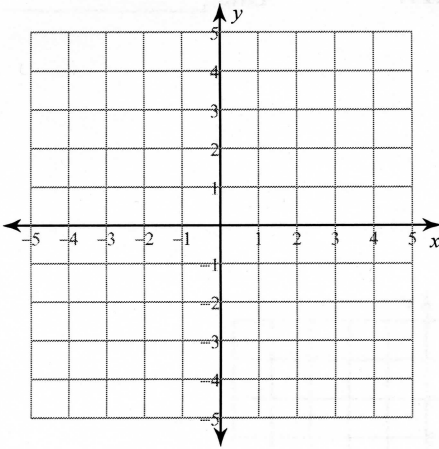
$$3) \begin{cases} y = \frac{1}{2}x - 3 \\ y = -3x + 4 \end{cases}$$



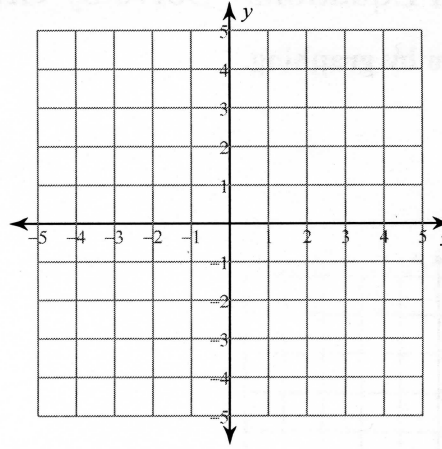
$$4) \begin{cases} y = -\frac{2}{3}x + 2 \\ y = -\frac{2}{3}x + 3 \end{cases}$$



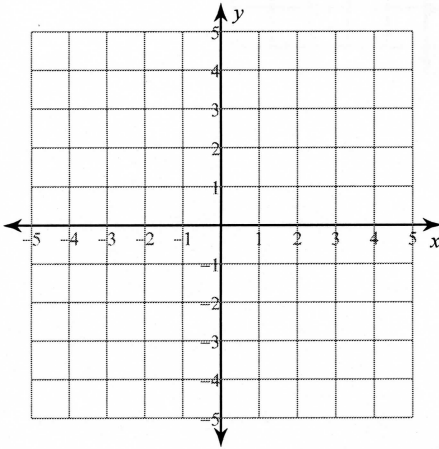
5) $5x + 3y = 3$
 $x + 3y = -9$



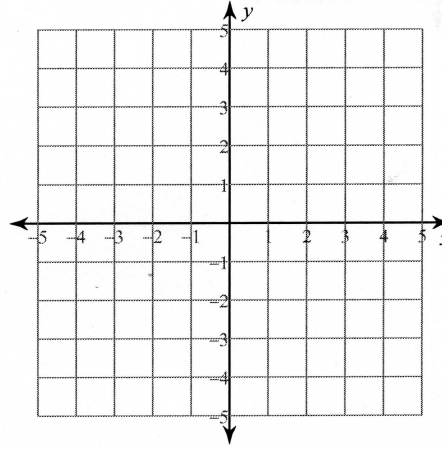
6) $x - 4y = -8$
 $x + 2y = -2$



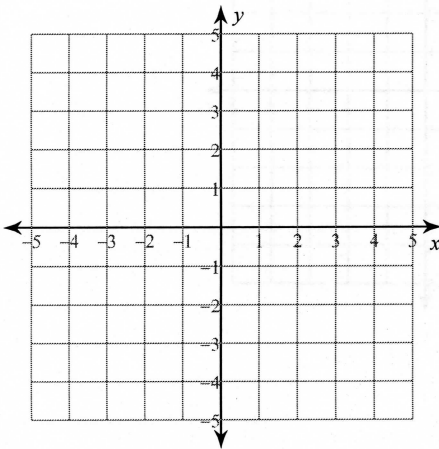
7) $x = 4$
 $x - 2y = -2$



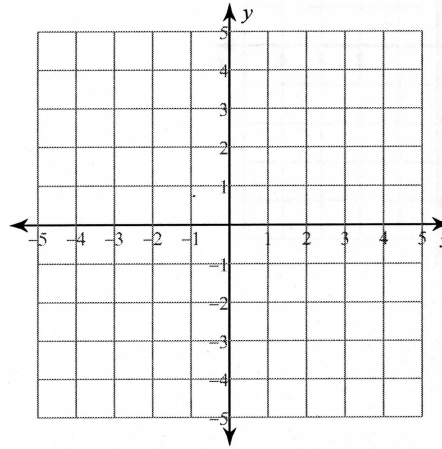
8) $x - y = 4$
 $x + y = 2$



9) $-y - 2x = -3$
 $3y = -3 - 2x$



10) $0 = x - y + 3$
 $-2y - 6 = -14x$



System of Equations - Solve by Graphing (ver2)_hw

Answers to

- 1) $(-3, 4)$
- 2) $(4, -2)$
- 3) $(2, -2)$
- 4) No solution
- 5) $(3, -4)$
- 6) $(-4, 1)$
- 7) $(4, 3)$
- 8) $(3, -1)$
- 9) $(3, -3)$
- 10) $(1, 4)$