Name_____

Solving Systems of Equations by Graphing

Date_____ Period_____

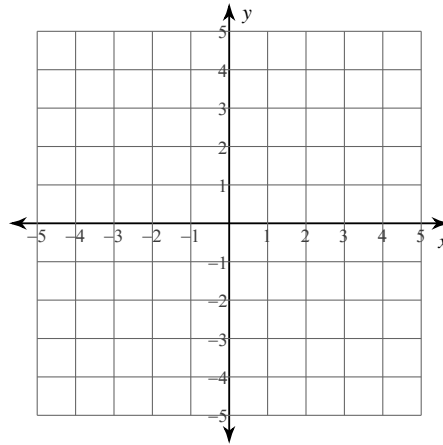**Solve each system by graphing.**

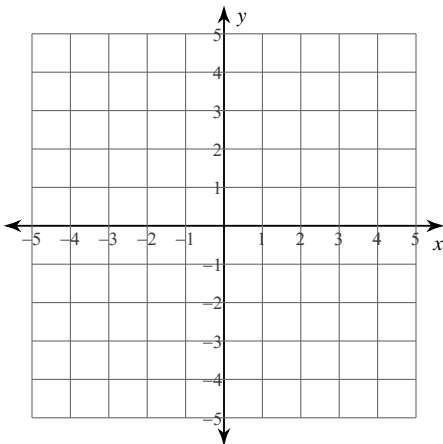1) $y = \dfrac{1}{3}x - 4$

$y = -\dfrac{7}{3}x + 4$

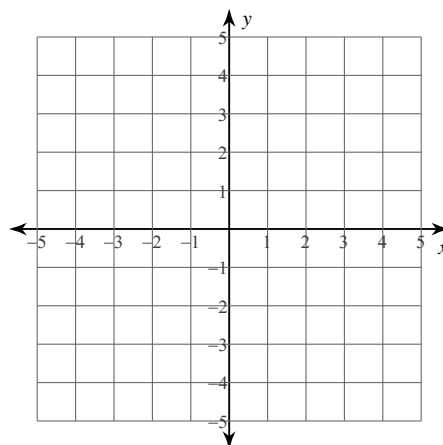2) $y = \dfrac{1}{3}x + 3$

$y = 2x - 2$

3) $y = -7x - 3$

$y = 4$

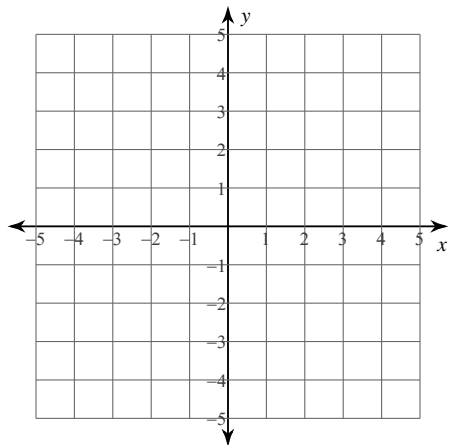

4) $y = -\dfrac{2}{3}x - 2$

$y = -\dfrac{8}{3}x + 4$
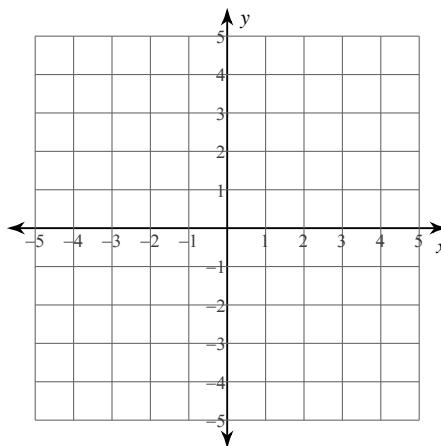
5) $y = -\dfrac{2}{3}x - 3$

   $y = -\dfrac{2}{3}x + 4$

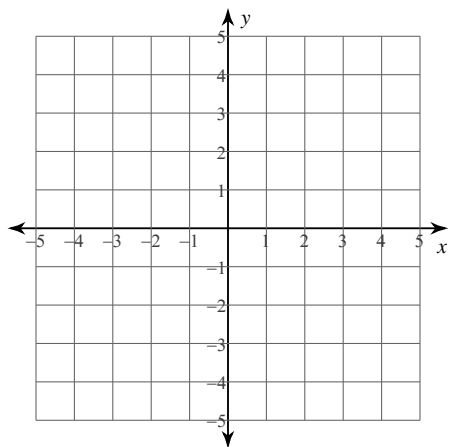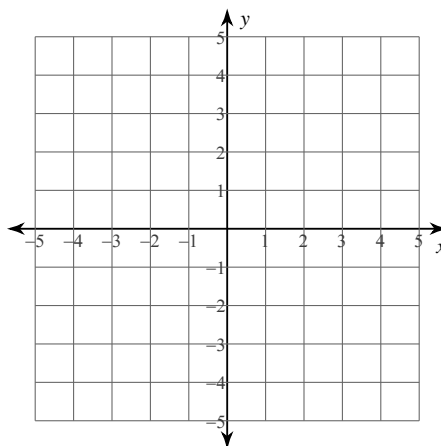6) $y = -6x - 3$

   $y = -x + 2$

7) $y = -\dfrac{3}{4}x + 4$

   $y = \dfrac{1}{2}x - 1$

8) $y = \dfrac{5}{2}x - 4$

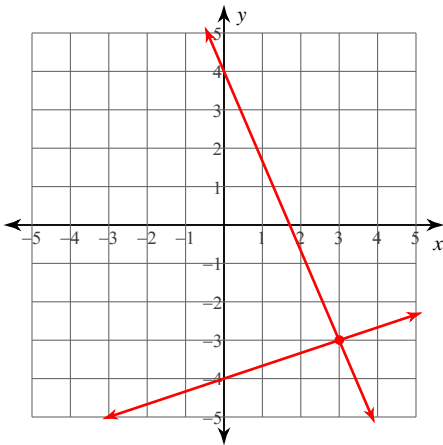 $y = -x + 3$

Name_____

Solving Systems of Equations by Graphing

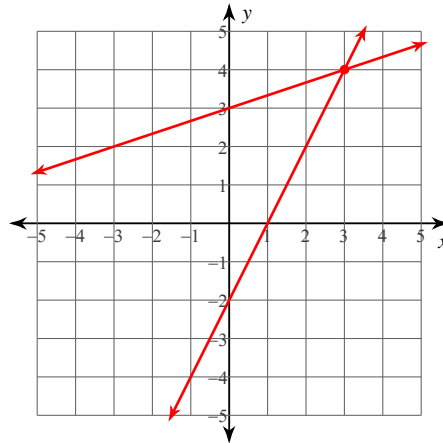Date_____ Period_____

Solve each system by graphing.

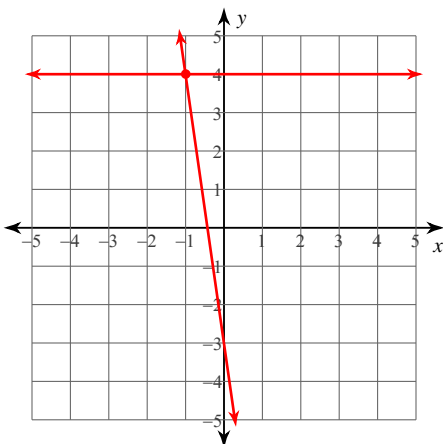1) $y = \dfrac{1}{3}x - 4$

$y = -\dfrac{7}{3}x + 4$

(3, –3)

2) $y = \dfrac{1}{3}x + 3$

$y = 2x - 2$

(3, 4)

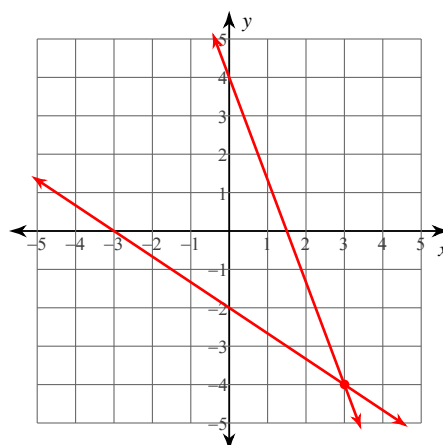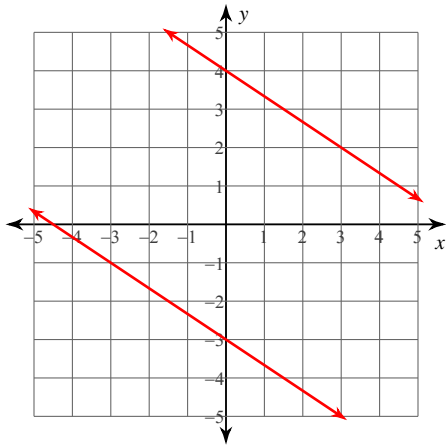3) $y = -7x - 3$

$y = 4$

(–1, 4)

4) $y = -\dfrac{2}{3}x - 2$

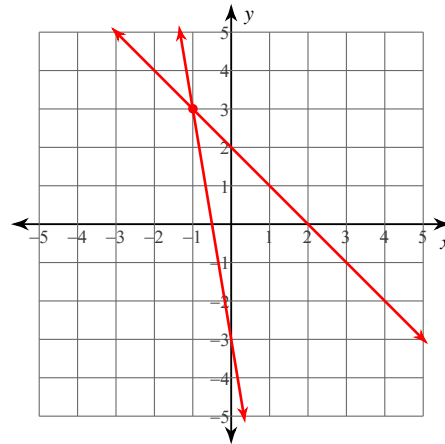$y = -\dfrac{8}{3}x + 4$

(3, –4)

5) $y = -\dfrac{2}{3}x - 3$

$\quad y = -\dfrac{2}{3}x + 4$
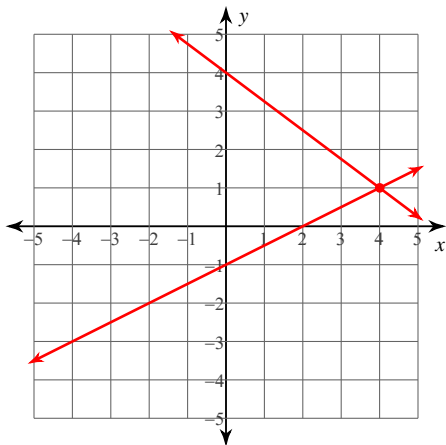
No solution

6) $y = -6x - 3$

$\quad y = -x + 2$
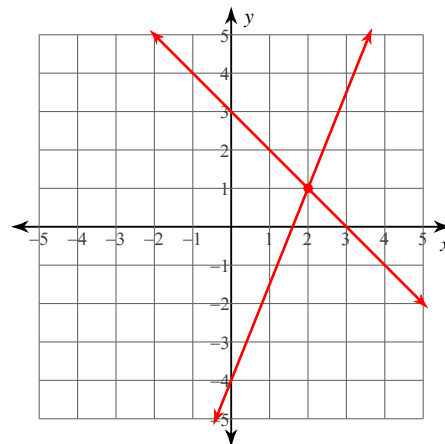
$(-1, 3)$

7) $y = -\dfrac{3}{4}x + 4$

$\quad y = \dfrac{1}{2}x - 1$

$(4, 1)$

8) $y = \dfrac{5}{2}x - 4$

$\quad y = -x + 3$

$(2, 1)$