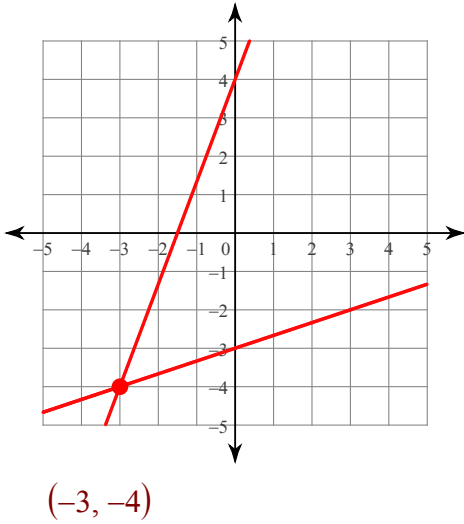
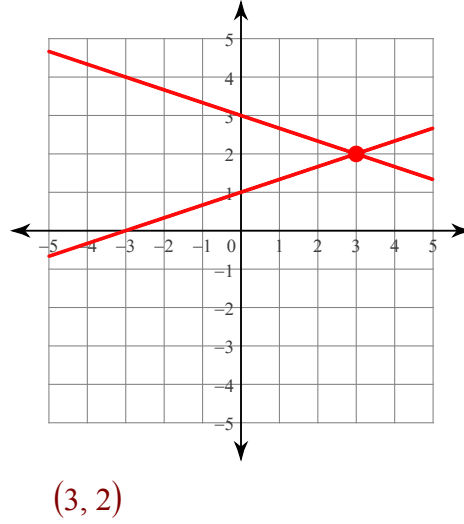


Solve each system by graphing by hand.

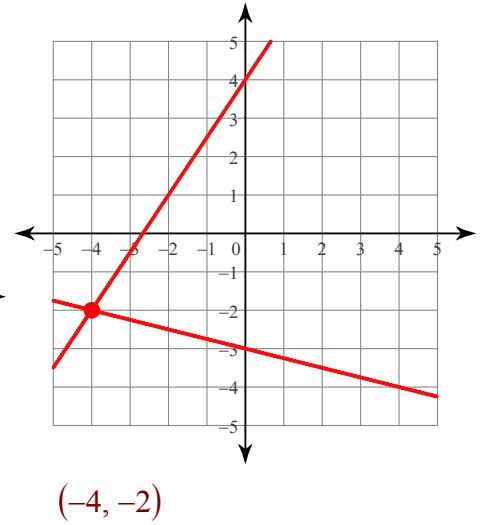
1)  $y = \frac{8}{3}x + 4$   
 $y = \frac{1}{3}x - 3$



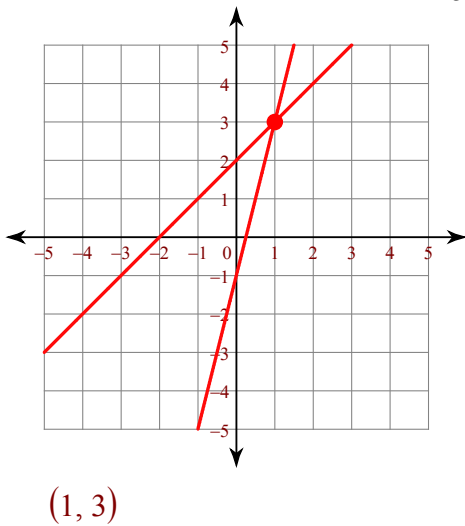
2)  $y = \frac{1}{3}x + 1$   
 $y = -\frac{1}{3}x + 3$



3)  $24 = -9x + 6y$   
 $-12 - 4y = x$



4)  $-2y + 8x = 2$   
 $3y - 3x = 6$



Solve each system by graphing with your graphing calculator or by hand.

5)  $y = -3x - 19$   
 $y = -\frac{7}{9}x + 1$   
 $(-9, 8)$

6)  $y = \frac{1}{3}x + 17$   
 $y = -\frac{4}{9}x + 10$   
 $(-9, 14)$

7)  $y = -\frac{1}{14}x + 19$   
 $y = \frac{17}{14}x + 1$   
 $(14, 18)$

8)  $y = -\frac{2}{3}x + 15$   
 $y = \frac{7}{2}x - 10$   
 $(6, 11)$

9) no

10) no

Solve for x.	Evaluate if $x = -4$	Graph and label each line.
1. $-12 = \frac{3x}{4} - 2$ $\frac{4}{3} \cdot -10 = \frac{3}{3}x \cdot \frac{4}{3}$ $\frac{-40}{3} = x$	3. $x^2 + 3x$ $(-4)^2 + 3(-4)$ $16 - 12 = 4$	5. Graph the line $y = 3x - 2$ 
2. $-28 = -20 - \frac{1x}{4}$	4. $7 - 6x^3$	