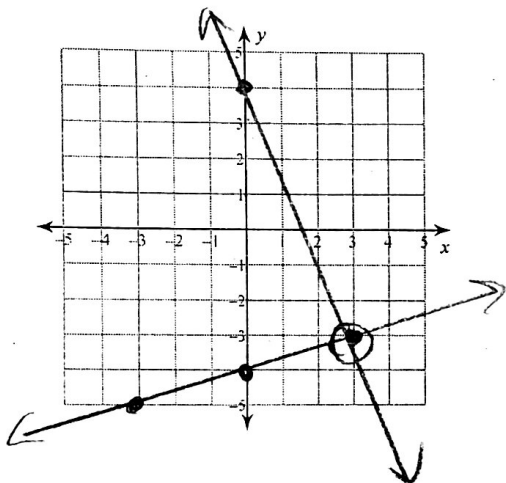


Solving Systems of Equations by Graphing

Solve each system by graphing.

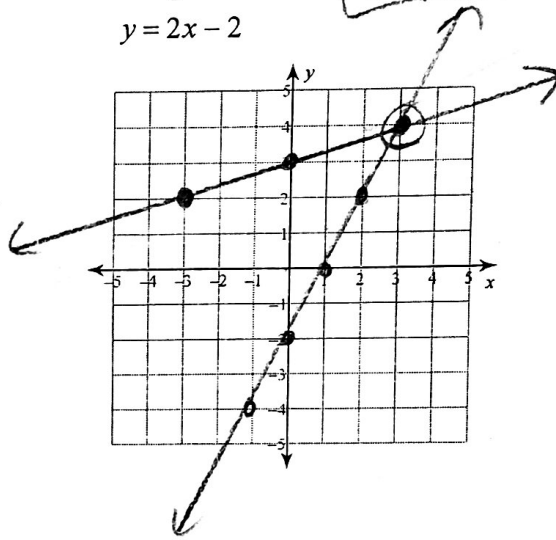
1) $y = \frac{1}{3}x - 4$
 $y = -\frac{7}{3}x + 4$

$(3, -3)$



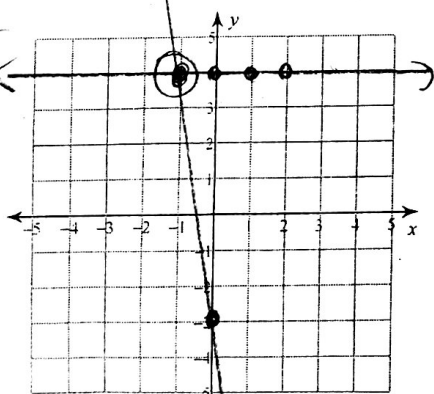
2) $y = \frac{1}{3}x + 3$
 $y = 2x - 2$

$(3, 4)$



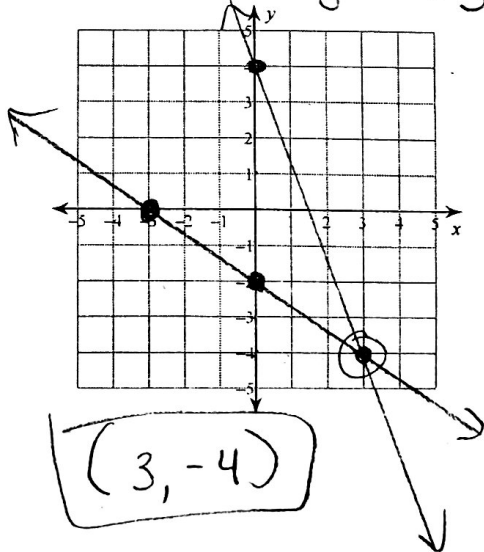
3) $y = -7x - 3$ $m = -\frac{7}{1}$ or $\frac{7}{-1}$
 $y = 4$

$\frac{x}{y} \frac{4}{4}$
 $0 \ 4$
 $1 \ 4$
 $2 \ 4$



$(-1, 4)$

4) $y = -\frac{2}{3}x - 2$ $-\frac{2}{3}$ or $\frac{2}{-3}$
 $y = -\frac{8}{3}x + 4$ $-\frac{8}{3}$ or $\frac{8}{-3}$



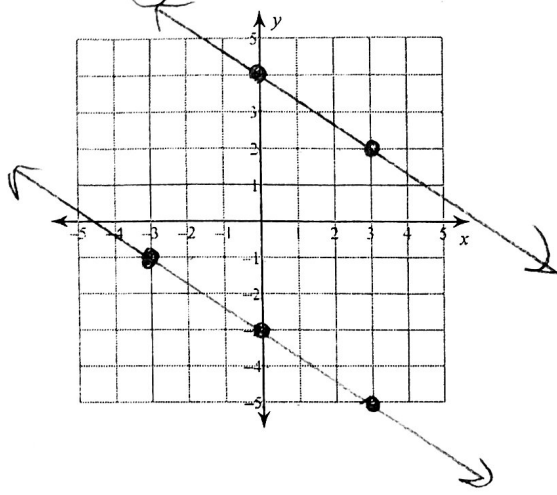
$(3, -4)$

$$\frac{-2}{3} \text{ or } \frac{2}{-3}$$

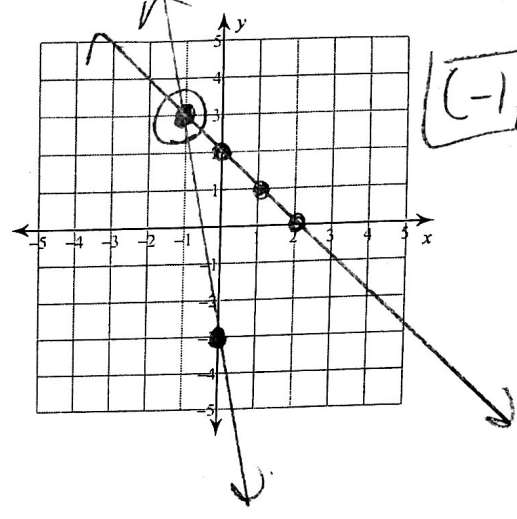
★ 5) $y = -\frac{2}{3}x - 3$

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

No Solution!



6) $y = -6x - 3$ $m = -\frac{6}{1}$ or $\frac{6}{-1}$
 $y = -x + 2$

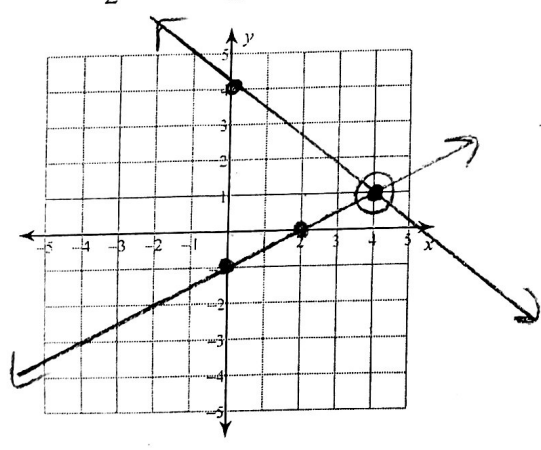


$(-1, 3)$

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

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

$(4, 1)$



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

$y = -x + 3$

$(2, 1)$

