

Solving Systems of Equations by Graphing

Solve each system by graphing.

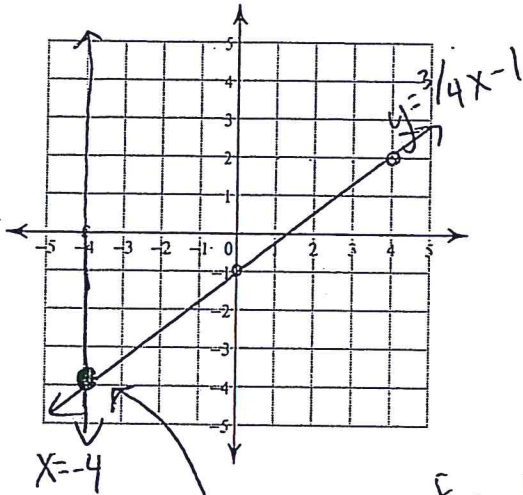
Ex.

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

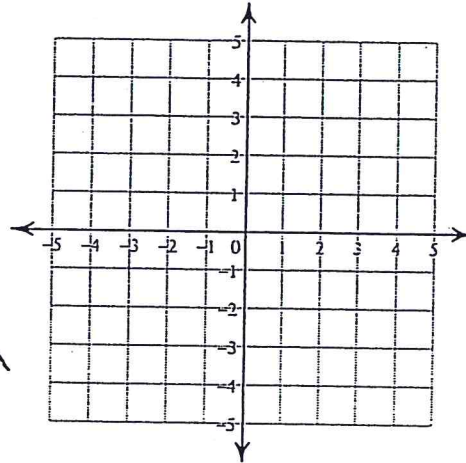
$x = -4$

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

$y = 3x - 3$



point of intersection/solution
 $(-4, -4)$

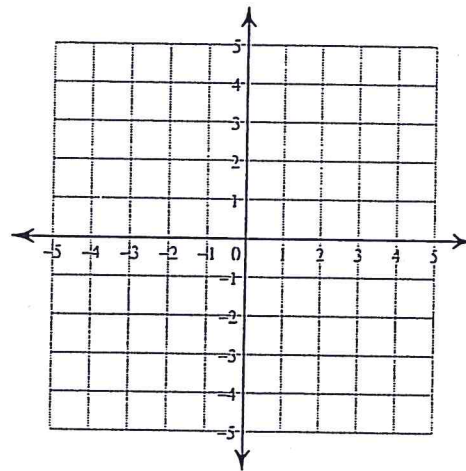
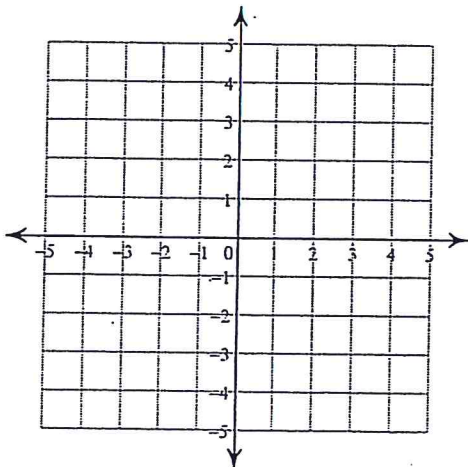


3) $y = \frac{5}{4}x - 2$

$y = \frac{5}{4}x - 1$

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

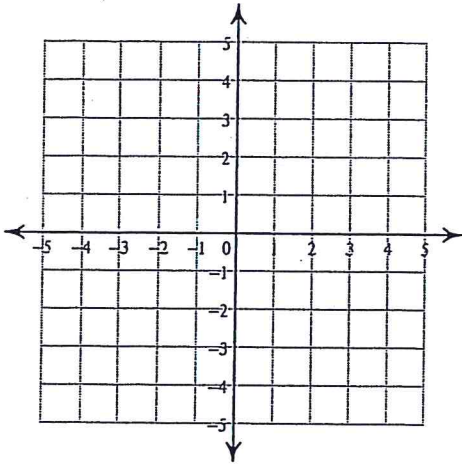
$y = -x - 2$



Hint:
If they do not intersect,
there is no solution.

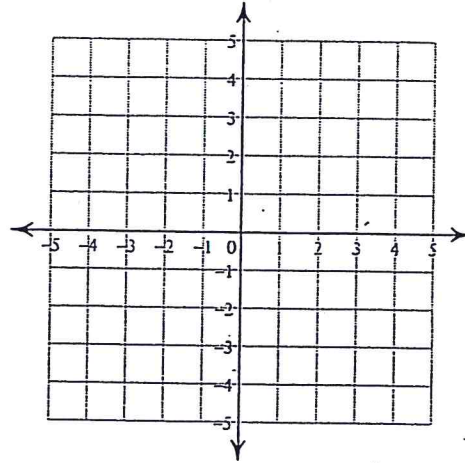
$$5) y = -\frac{3}{2}x - 4$$

$$y = \frac{1}{2}x + 4$$



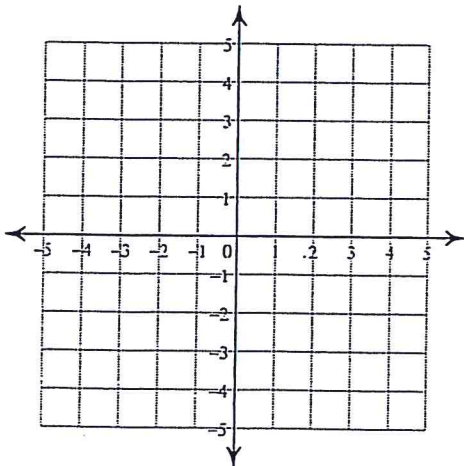
$$6) y = 4x - 1$$

$$y = -x + 4$$



$$7) y = x + 4$$

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



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

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

