

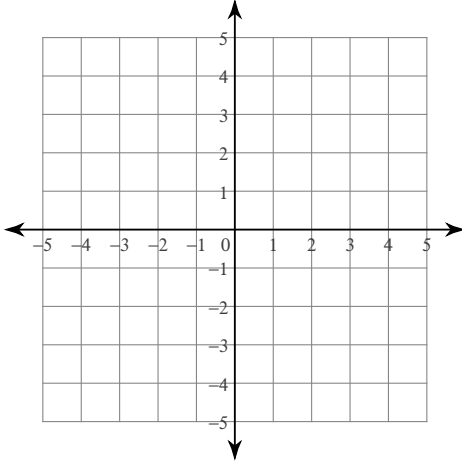
## Solving Systems of Equations by Graphing :)

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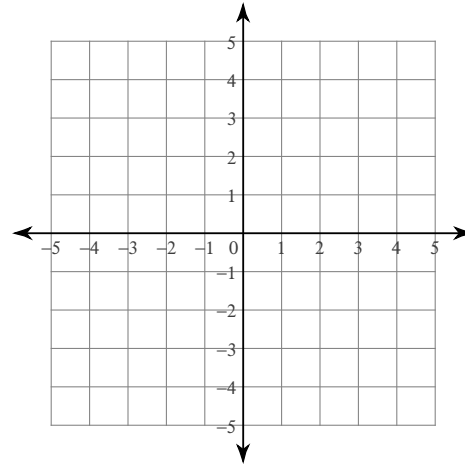
Solve each system by graphing.

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

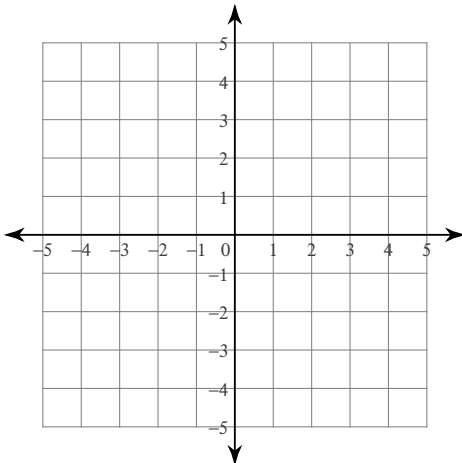
$y = x - 3$



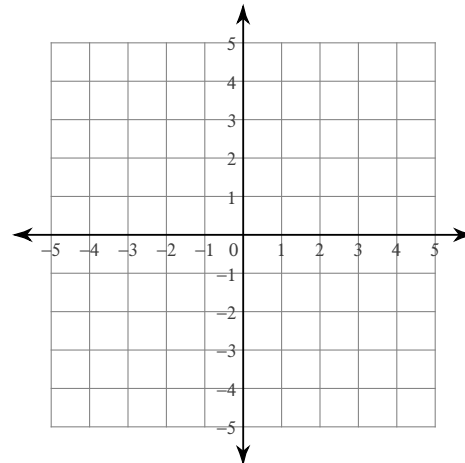
2)  $y = x - 2$   
 $y = 4x + 4$



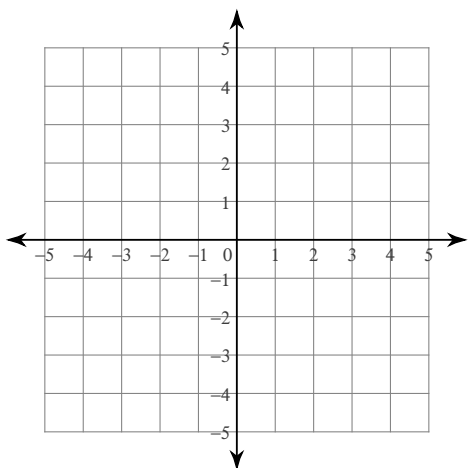
3)  $5x - 3y = 9$   
 $x - 3y = -3$



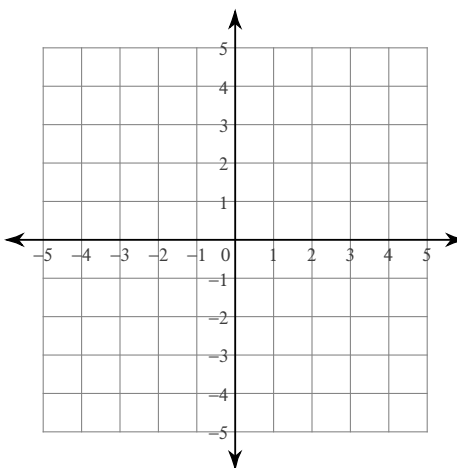
4)  $3x + y = 2$   
 $3x - y = 4$



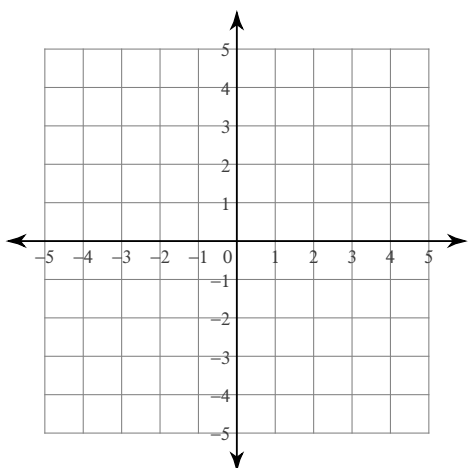
$$5) \begin{aligned} 2 &= y - 3x \\ x - 2y - 6 &= 0 \end{aligned}$$



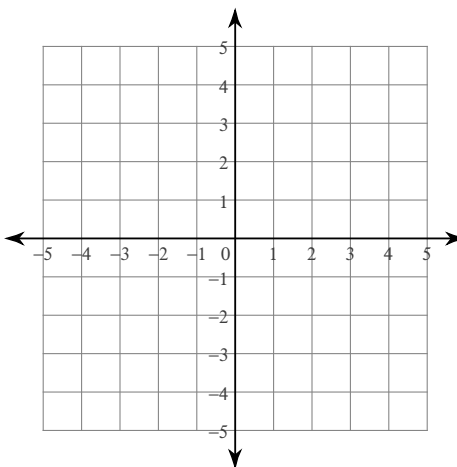
$$6) \begin{aligned} 4x &= -1 + y \\ 0 &= -2 - y + x \end{aligned}$$



$$7) \begin{aligned} 9y &= -9 + 6x \\ 6y - 14x - 24 &= 0 \end{aligned}$$



$$8) \begin{aligned} y - 1 - \frac{2}{3}x &= 0 \\ 3 &= -y + 2x \end{aligned}$$



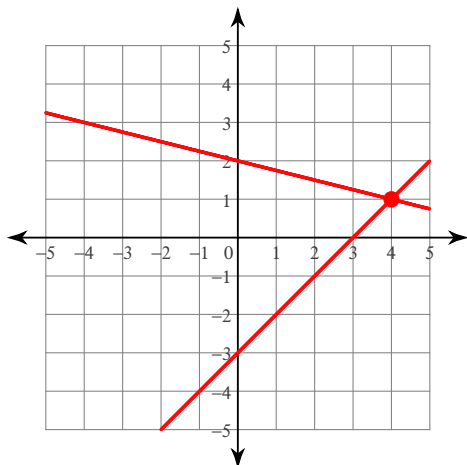
## Solving Systems of Equations by Graphing :)

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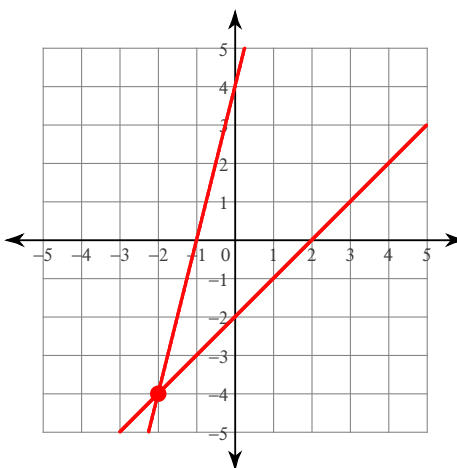
Solve each system by graphing.

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

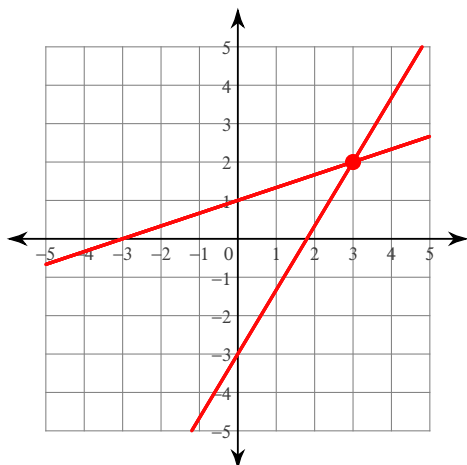
$y = x - 3$

 $(4, 1)$ 

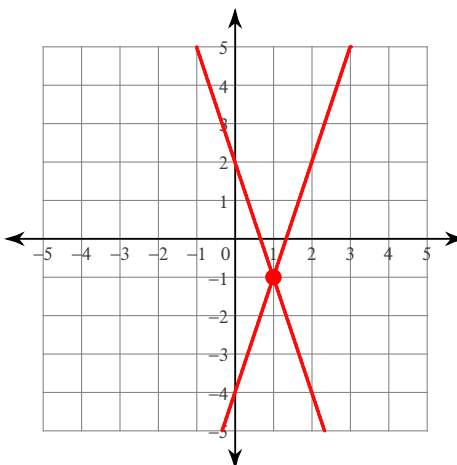
2)  $y = x - 2$   
 $y = 4x + 4$

 $(-2, -4)$ 

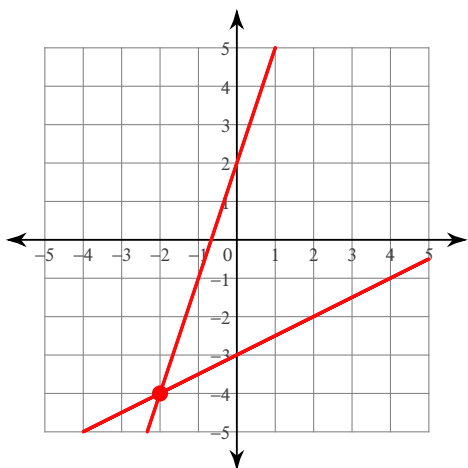
3)  $5x - 3y = 9$   
 $x - 3y = -3$

 $(3, 2)$ 

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

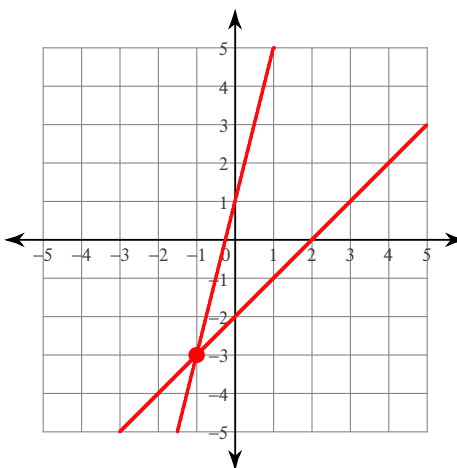
 $(1, -1)$

$$5) \begin{aligned} 2 &= y - 3x \\ x - 2y - 6 &= 0 \end{aligned}$$



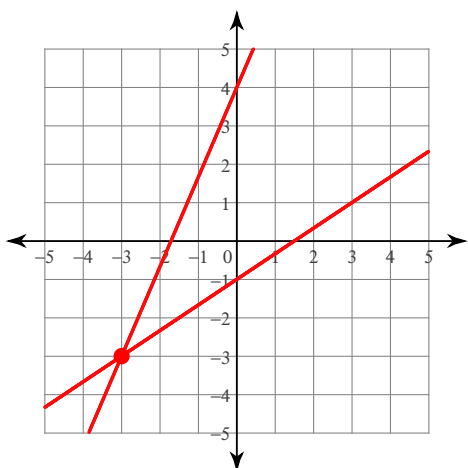
$(-2, -4)$

$$6) \begin{aligned} 4x &= -1 + y \\ 0 &= -2 - y + x \end{aligned}$$



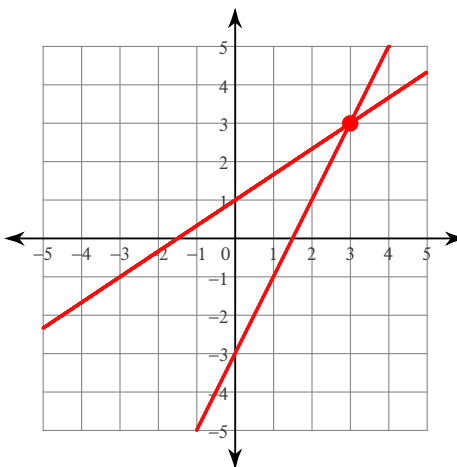
$(-1, -3)$

$$7) \begin{aligned} 9y &= -9 + 6x \\ 6y - 14x - 24 &= 0 \end{aligned}$$



$(-3, -3)$

$$8) \begin{aligned} y - 1 - \frac{2}{3}x &= 0 \\ 3 &= -y + 2x \end{aligned}$$



$(3, 3)$