

## Graphing a Line

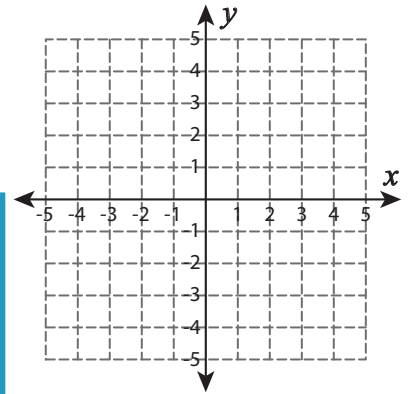
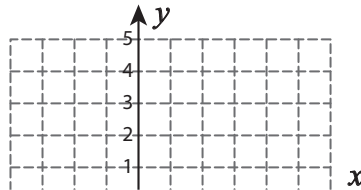
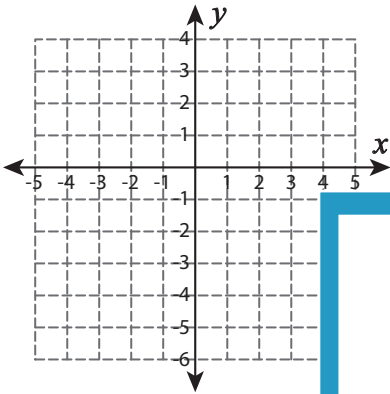
Sheet 2

Represent each equation in slope-intercept form and graph them.

1)  $-4y = 3x + 8$

2)  $-20 = -4x + 5y$

3)  $2x - 3y = -6$



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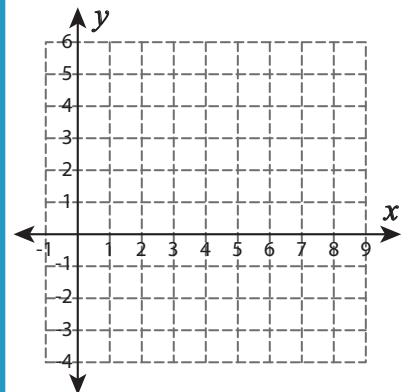
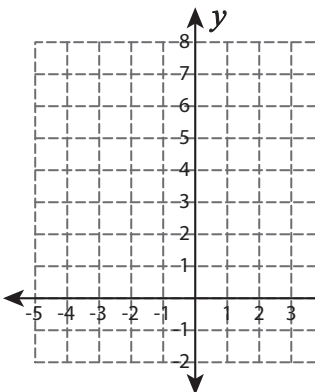
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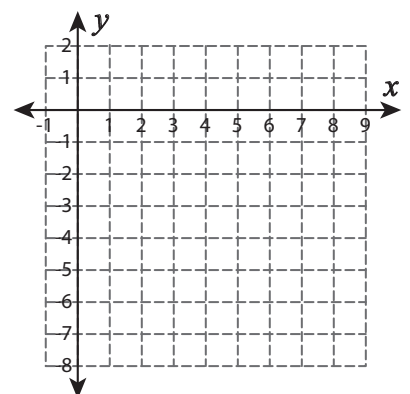
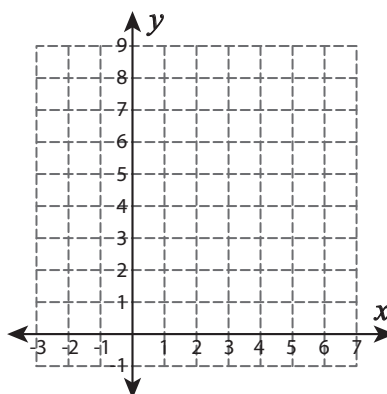
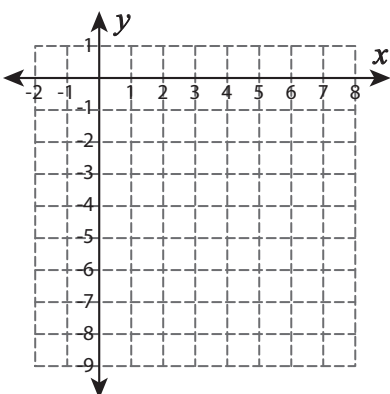
4)  $12 = 2y + 6x$

$-8y - 24 = -7x$



7)  $6x = -7y - 7$

$9y = -8x + 9$



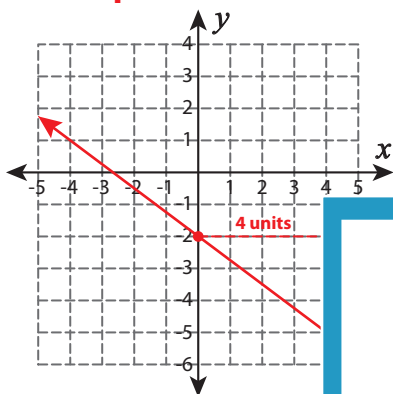
**Answer key****Graphing a Line**

Sheet 2

Represent each equation in slope-intercept form and graph them.

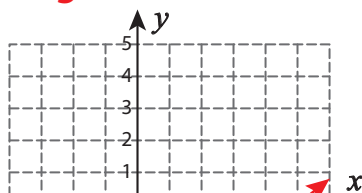
1)  $-4y = 3x + 8$

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



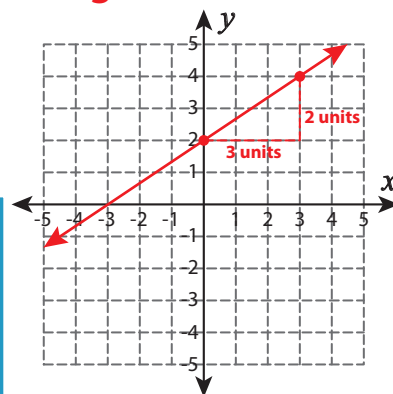
2)  $-20 = -4x + 5y$

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



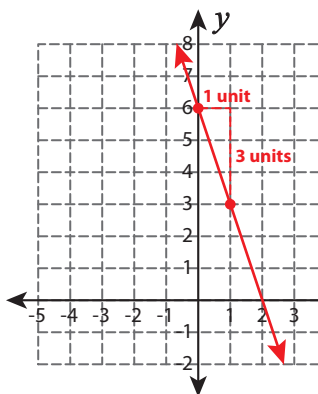
3)  $2x - 3y = -6$

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



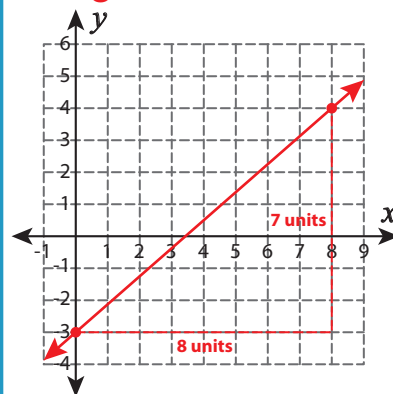
4)  $12 = 2y + 6x$

$$y = -3x + 6$$



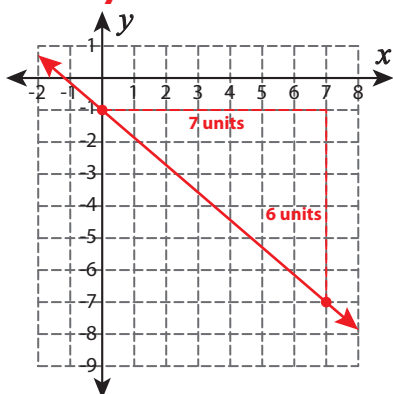
$-8y - 24 = -7x$

$$y = \frac{7}{8}x - 3$$

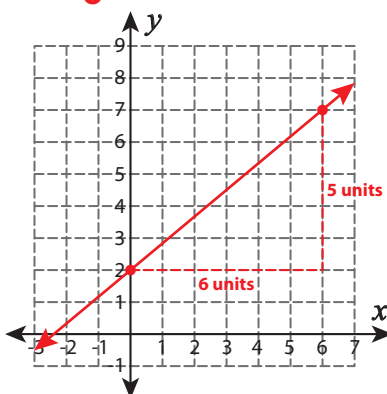


7)  $6x = -7y - 7$

$$y = -\frac{6}{7}x - 1$$

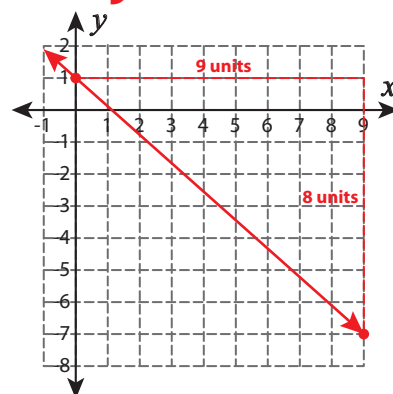


$$y = \frac{5}{6}x + 2$$



$9y = -8x + 9$

$$y = -\frac{8}{9}x + 1$$



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