

# Graphing a Line

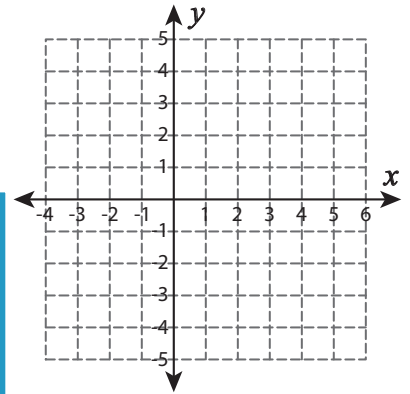
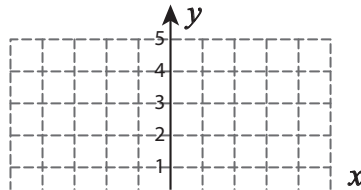
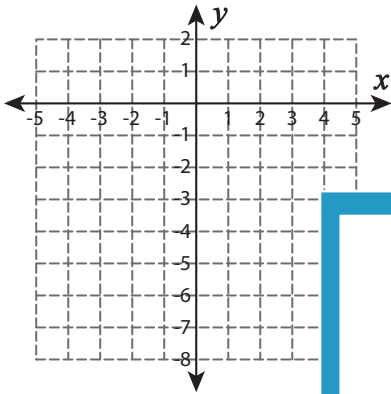
Sheet 3

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

1)  $8 = -5x - 4y$

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

3)  $-2x = 5y + 5$



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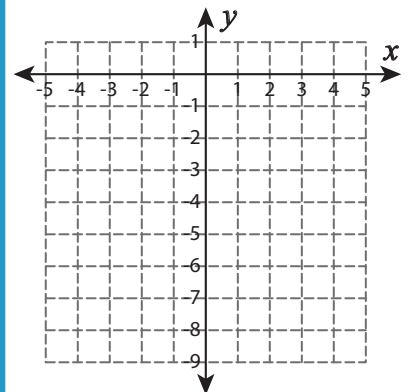
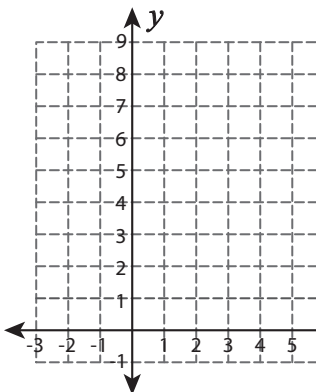
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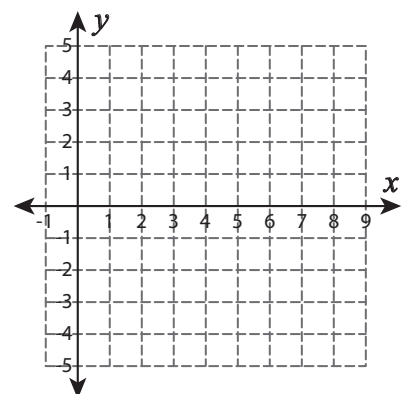
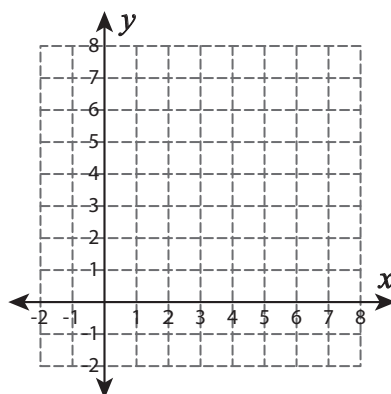
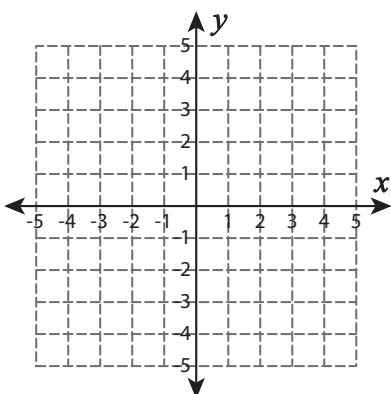
4)  $6y - 6 = 7x$

$4x + 12 = -3y$



7)  $-y = 3x + 1$

$-32 = -7x - 8y$



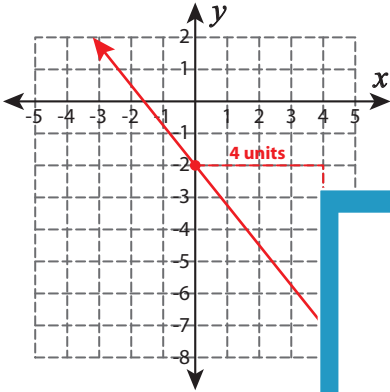
**Answer key****Graphing a Line**

Sheet 3

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

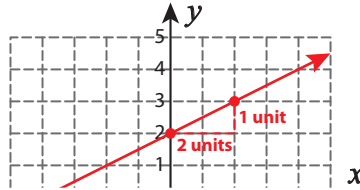
1)  $8 = -5x - 4y$

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



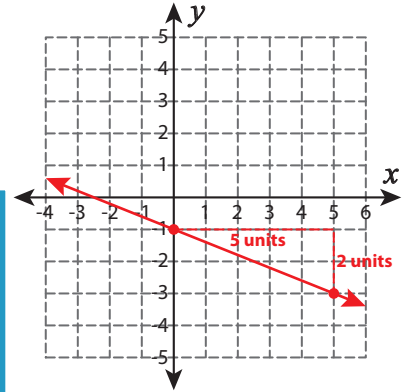
2)  $-2y = -x - 4$

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



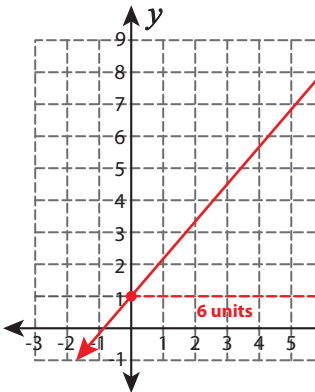
3)  $-2x = 5y + 5$

$$y = -\frac{2}{5}x - 1$$



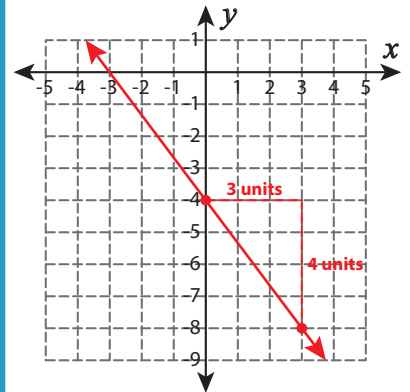
4)  $6y - 6 = 7x$

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



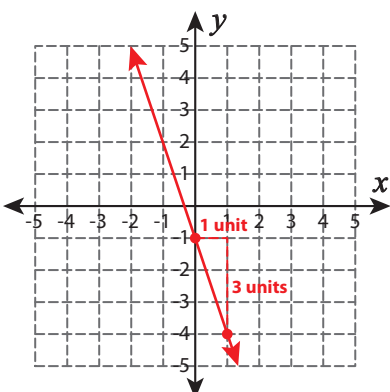
4)  $4x + 12 = -3y$

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

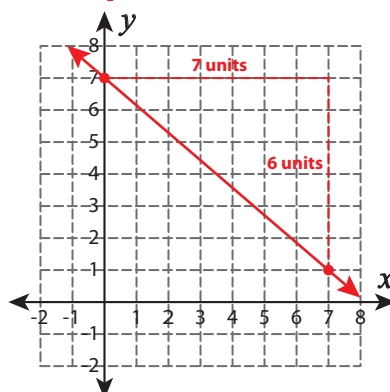


7)  $-y = 3x + 1$

$$y = -3x - 1$$

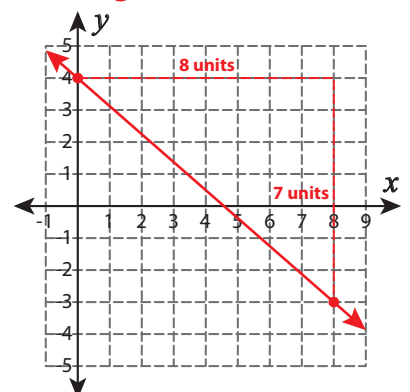


$$y = -\frac{6}{7}x + 7$$



7)  $-32 = -7x - 8y$

$$y = -\frac{7}{8}x + 4$$

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