

Graphing a Line

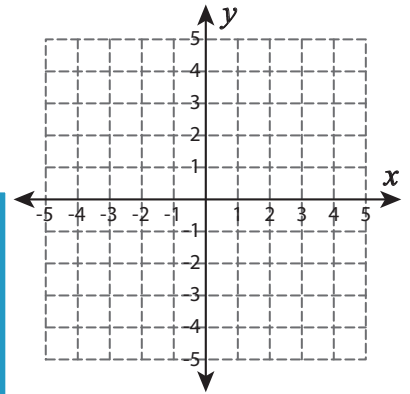
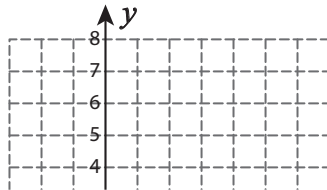
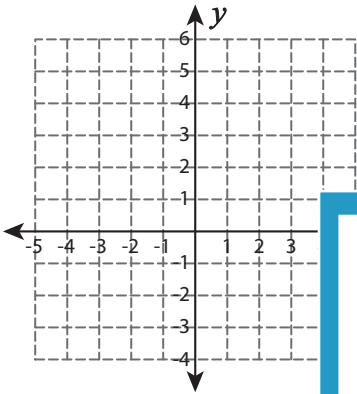
Sheet 1

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

1) $3y - 15 = -6x$

2) $-5x + 6y = 12$

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



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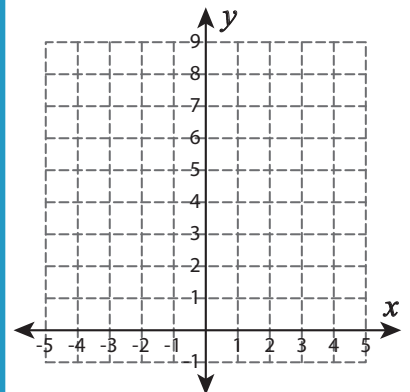
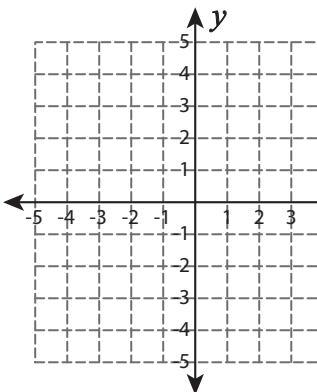
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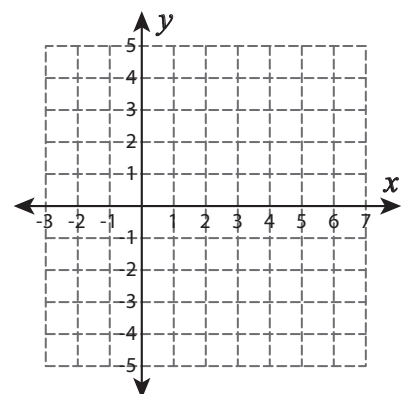
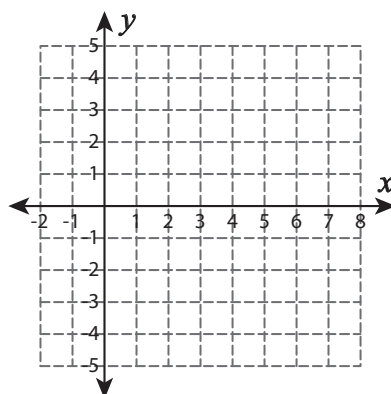
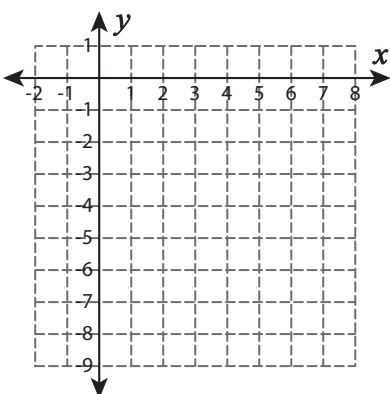
4) $-y = -4x + 3$

24 = 4y - 8x



7) $-10 = 6x + 5y$

$6y + 6 = x$



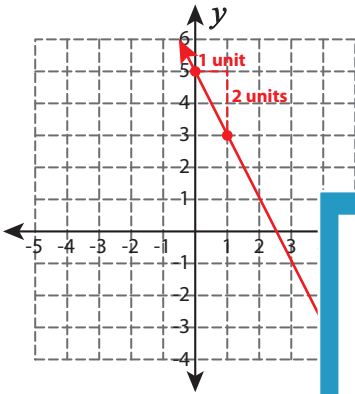
Answer key

Graphing a Line

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

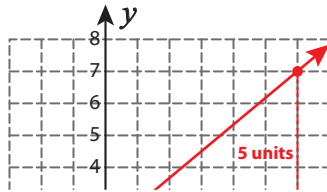
1) $3y - 15 = -6x$

$y = -2x + 5$



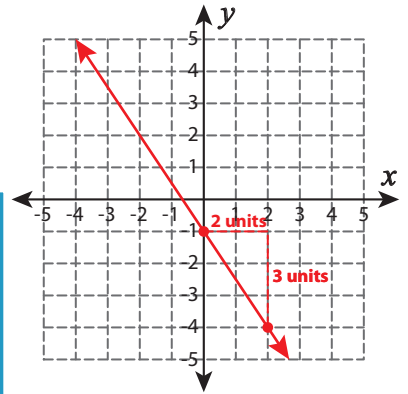
2) $-5x + 6y = 12$

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



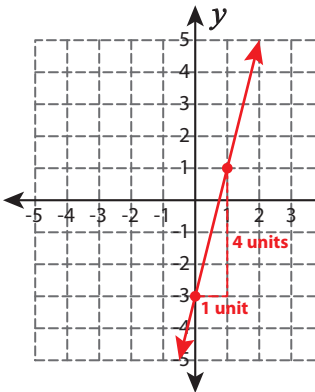
3) $-3x - 2 = 2y$

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



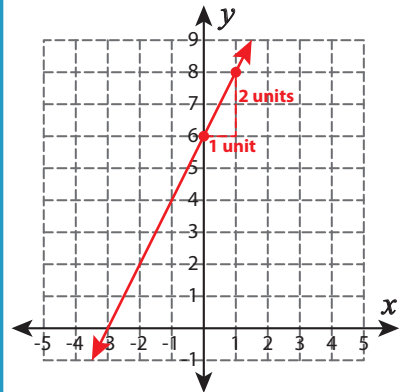
4) $-y = -4x + 3$

$y = 4x - 3$



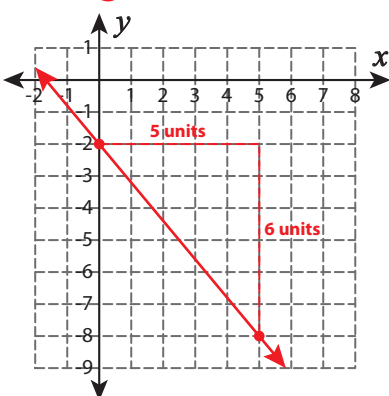
$24 = 4y - 8x$

$y = 2x + 6$

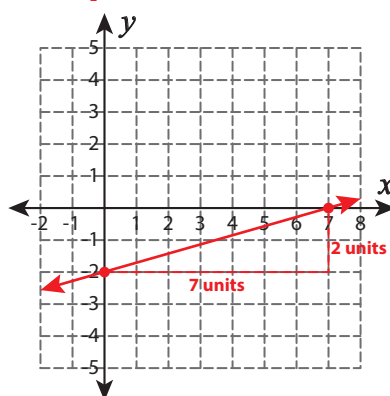


7) $-10 = 6x + 5y$

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

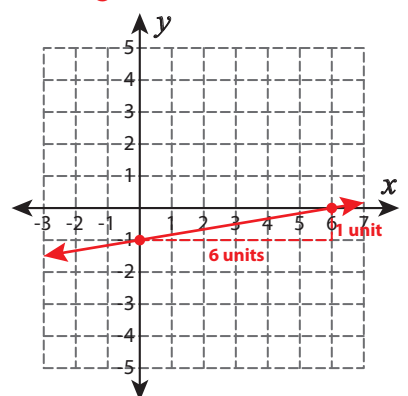


$y = \frac{2}{7}x - 2$



$6y + 6 = x$

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



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