

## Graphing a Line

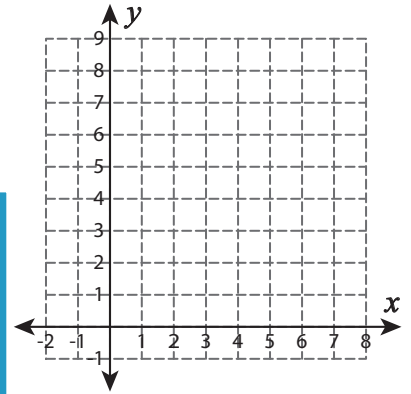
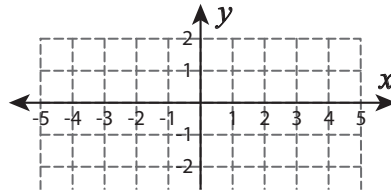
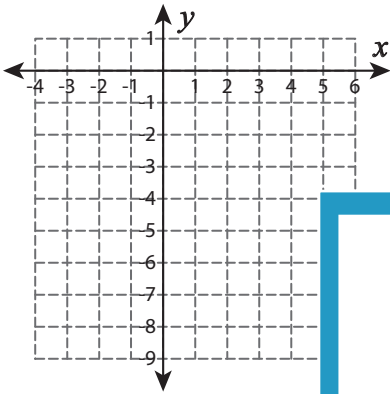
L2S4

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

1)  $2y = 3x - 18$

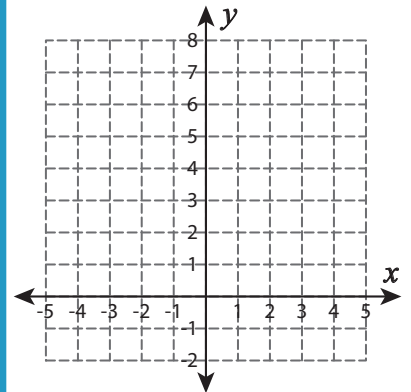
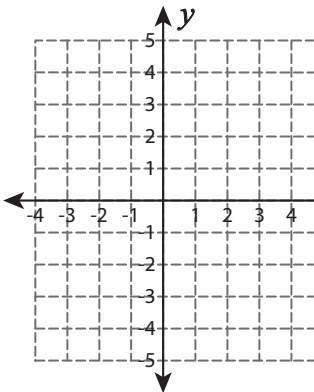
2)  $4 + 2y = -5x$

3)  $-7x = 4y - 32$



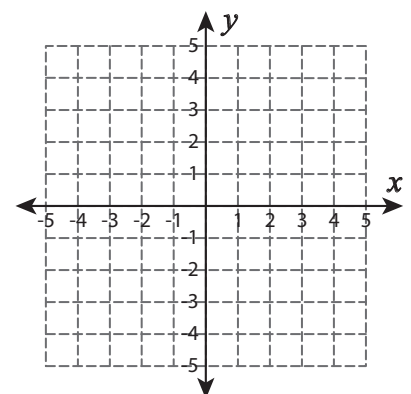
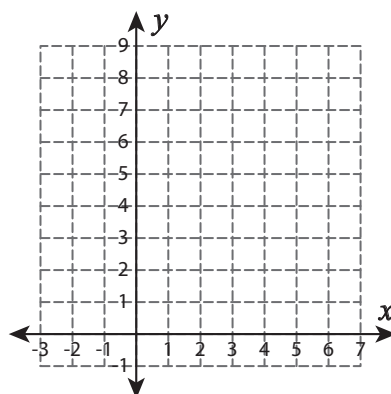
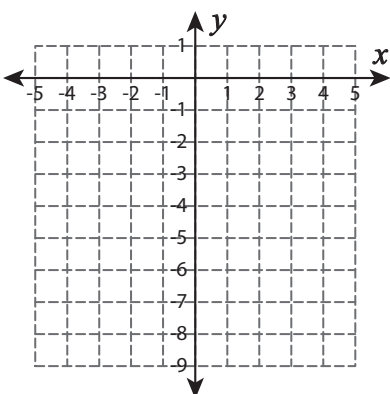
4)  $-4x = 3y - 3$

$3y = -2x + 21$



7)  $-5x - 4 = 4y$

$4x - 3y = 12$



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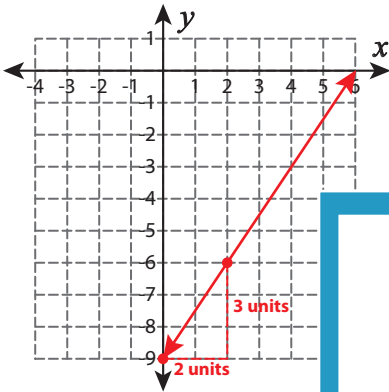
**Answer key****Graphing a Line**

L2S4

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

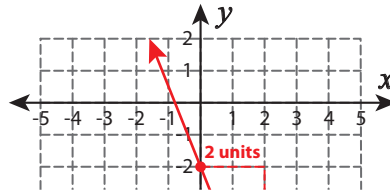
1)  $2y = 3x - 18$

$$y = \frac{3}{2}x - 9$$



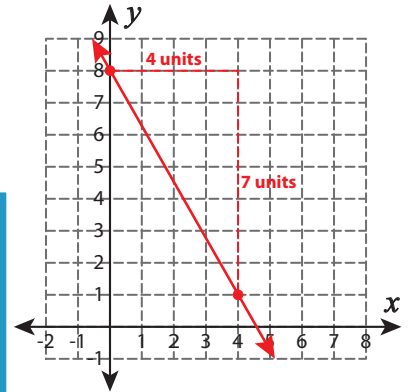
2)  $4 + 2y = -5x$

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



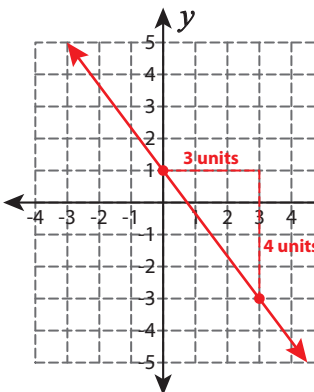
3)  $-7x = 4y - 32$

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



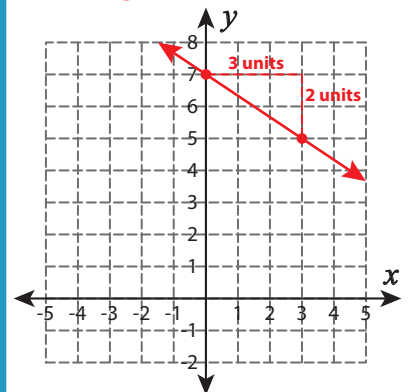
4)  $-4x = 3y - 3$

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



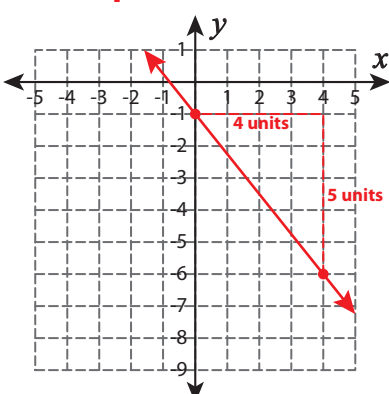
5)  $3y = -2x + 21$

$$y = -\frac{2}{3}x + 7$$

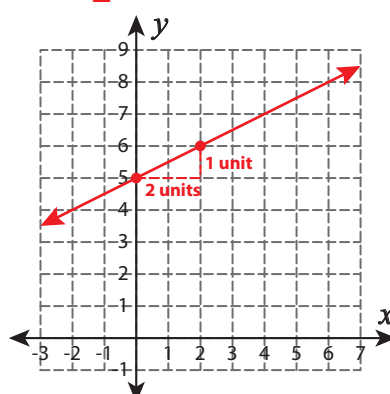


6)  $-5x - 4 = 4y$

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

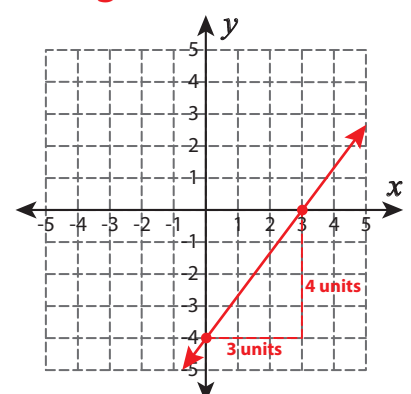


7)  $y = \frac{1}{2}x + 5$



8)  $4x - 3y = 12$

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



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