Set

Solve each equation, justifying each step you use.

10.

11.

| 3 x = 15 | Justification | x - 10 = 2 | Justification |
|----------|---------------|------------|---------------|
| | | | |
| | | | |
| | | | |
| | | | |

12.

13.

| - 16 = x + 11 | Justification | 6 - x = 10 | Justification |
|---------------|---------------|------------|---------------|
| | | | |
| | | | |
| | | | |
| | | | |

14.

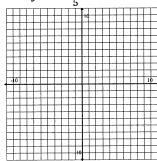
15.

$$6 \times + 3 = 15$$
 Justification
$$3 \times - 10 = 2$$
 Justification

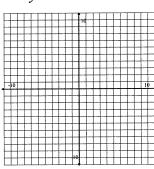
Go

Graph the following equations on the provided coordinate grids.

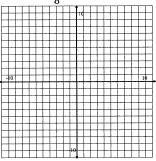
16.
$$y = -\frac{3}{5}x + 7$$



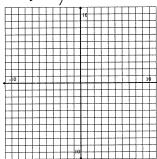
17.
$$y = -2x + 1$$



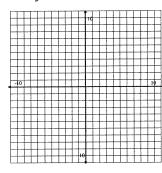
18.
$$y = \frac{5}{8}x + 1$$



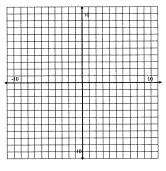
19.
$$y = \frac{6}{7}x$$



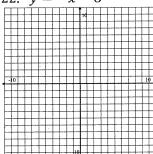
20.
$$y = x - 3$$



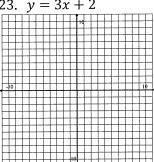
21.
$$y = 4x$$



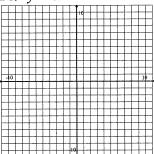
22.
$$y = -x - 6$$



23.
$$y = 3x + 2$$



24.
$$v = x$$



Need Help? Check out these related videos:

 $\underline{http://www.khanacademy.org/math/algebra/solving-linear-equations/v/solving-equations-1}$

 $\underline{http://www.khanacademy.org/math/algebra/linear-equations-and-inequalitie/v/graphing-a-line-in-slope-intercept-form}$

http://www.youtube.com/watch?v=WXzpisUh0AU