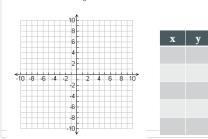


• Graph:

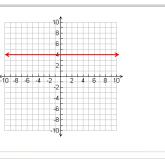
$$y = -\frac{1}{5}x + 6$$

Checking our answer with a table!!!

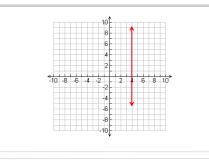
• Graph:  $y = \frac{1}{3}x + 4$ 



What would the graph of y = 4 look like? Convince me.



What would the graph of x = 4 look like? Convince me.



Write an equation of a line in slopeintercept form with a slope of ½ that passes through (2, -4)

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

Write an equation of a line in slopeintercept form that passes through the point (3, -3) and has slope  $-\frac{1}{3}$ 

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

Write an equation of a line in slopeintercept form that passes through the points (1, 5) and (2, 3)

$$y = -2x + 7$$

Write an equation of a line in slopeintercept form that passes through the points (9, 1) and (7, 3)

$$y = -x + 10$$

Write an equation of a line in slopeintercept form that passes through the points (6, -3) and (-4, 2)

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

Write an equation of a line in slopeintercept form that passes through the points (9, 5) and (11, 5)

$$y=5$$

Write an equation of a line in slopeintercept form that passes through the points (5, 9) and (5, 11)

$$x = 5$$

## **HOMEWORK**

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