

NAME: \_\_\_\_\_

Math \_\_\_\_\_, Period \_\_\_\_\_

Mr. Rogove

Date: \_\_\_\_\_

**LEARNING OBJECTIVE:** We will graph vertical and horizontal lines.  
(G8M4L13)

**CONCEPT DEVELOPMENT:**

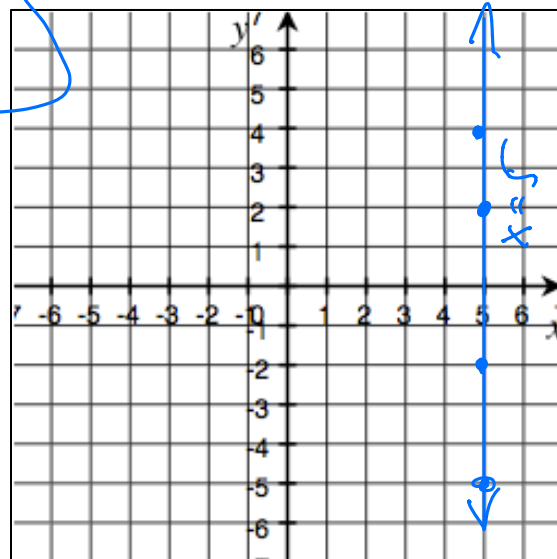
Find 4 solutions to graph the equation  
 $1x + 0y = 5$ .

**Vertical Lines:** The graph  $x = c$  is the vertical line that passes through  $(c, 0)$  where  $c$  is a constant.

Examples:

$x = -3$

$x = 2.4$



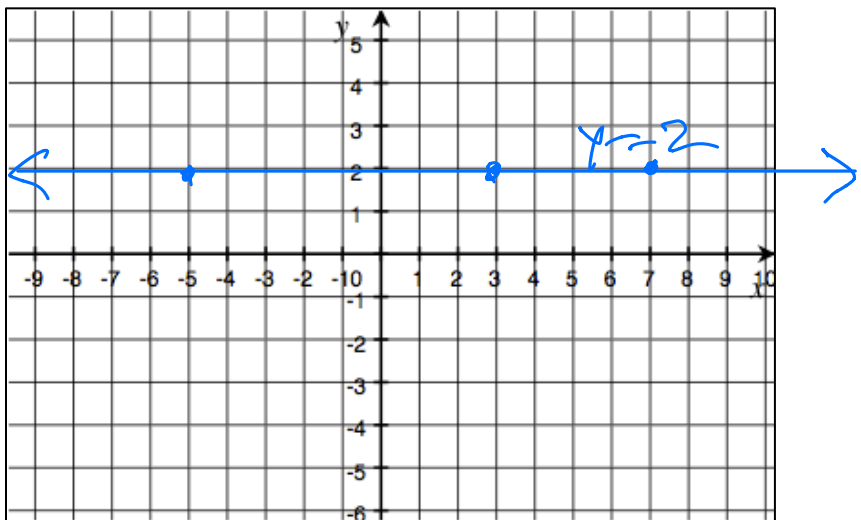
Find 4 solutions to graph  
the equation  $0x + 1y = 2$

**Horizontal Lines:** The graph  $y = c$  is the horizontal line that passes through  $(0, c)$  where  $c$  is a constant.

Examples:

$y = -10$

$y = 2.9$



NAME: \_\_\_\_\_

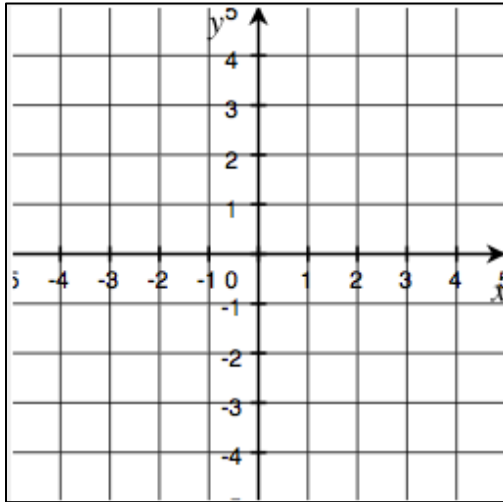
Math \_\_\_\_\_, Period \_\_\_\_\_

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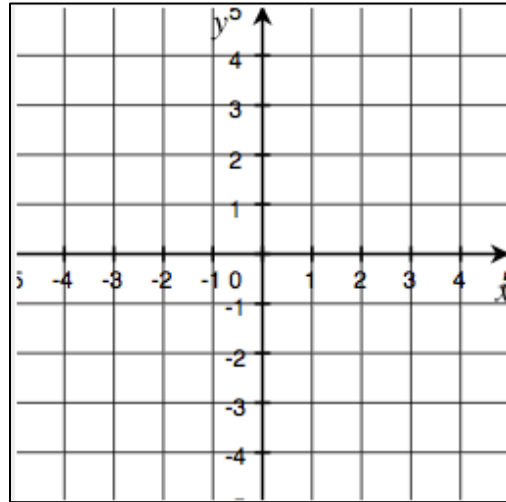
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**GUIDED PRACTICE:**

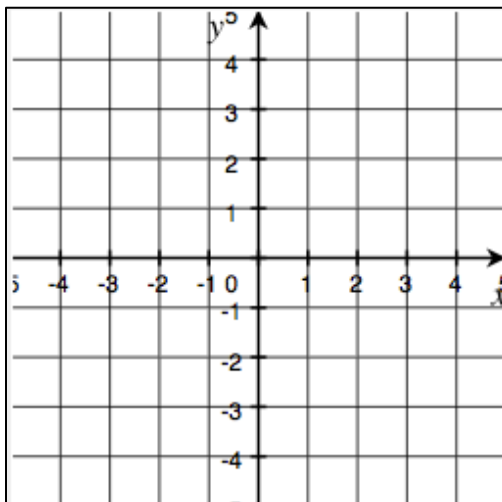
Graph the equation  $x = -1$



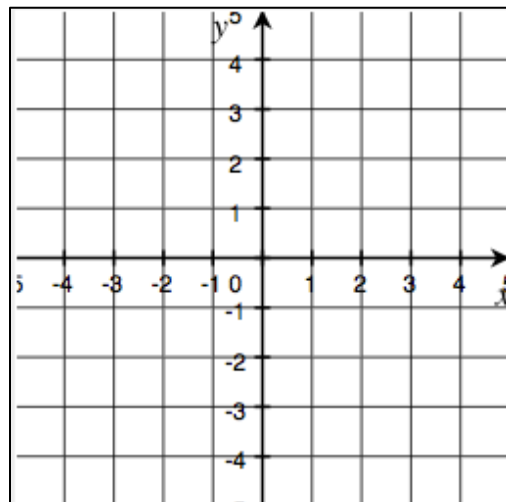
Graph the equation  $x = 4$



Graph the equation  $y = 3$



Graph the equation  $y = -2$



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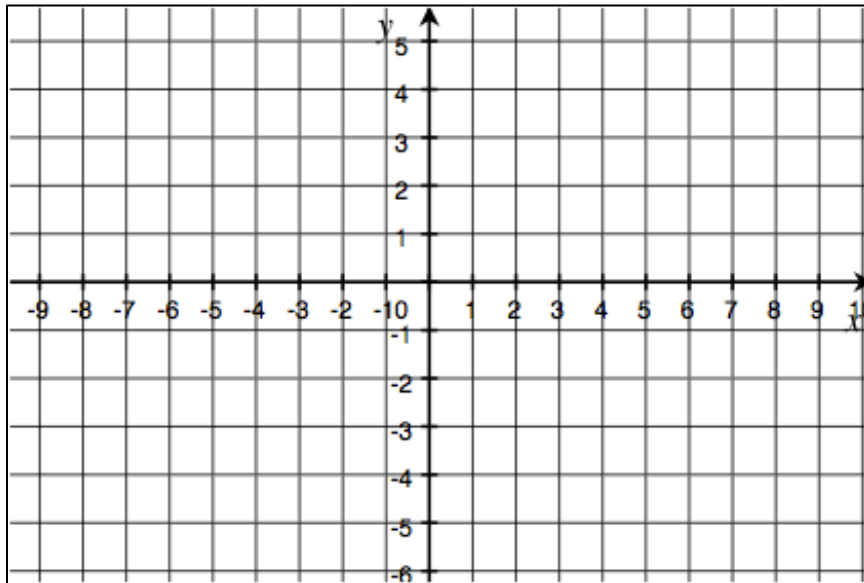
Mr. Rogove

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**INDEPENDENT PRACTICE:**

**ACTIVATING PRIOR KNOWLEDGE:**

Find 4 solutions to  $1x + 2y = 5$ .



**CLOSURE:**

What will the graphs of  $y = 0$  and  $x = 0$  look like?

**TEACHER NOTES:**

This is Lesson 14.