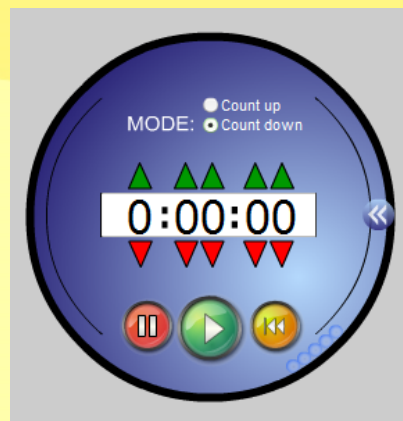


Warm-Up

Complete the 4 Questions...

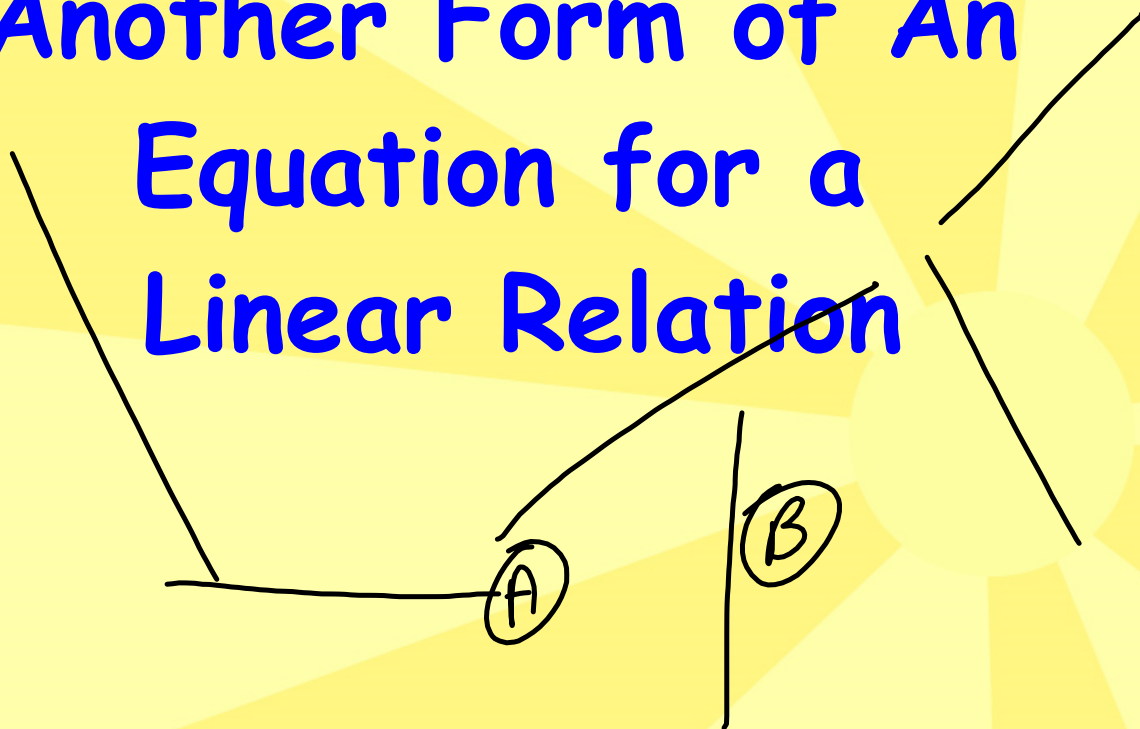
1. a, b, c use -2 to 2

Show 3 calculations for all graphs!

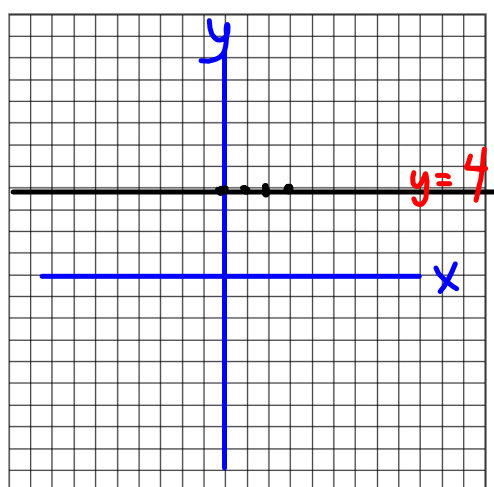
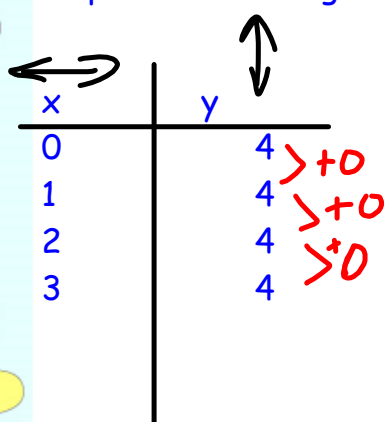


Section 4.3

Another Form of An Equation for a Linear Relation



1. Graph the Following:



2. Write the equation:

$$y = 0x + 4 \quad y = 4$$

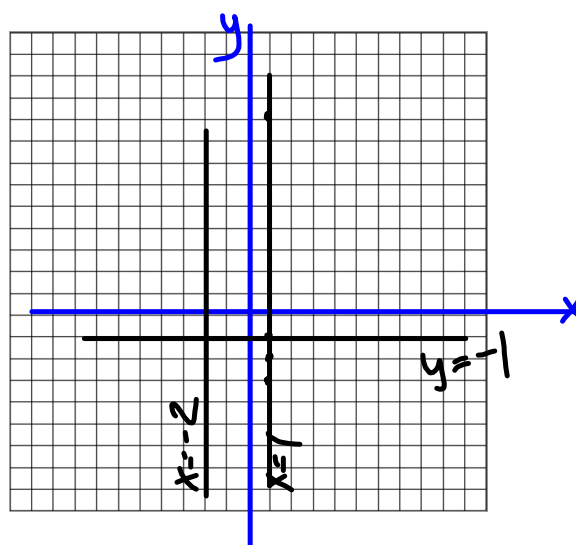
3. Describe the graph

A horizontal line that intersects the y axis at 4.

← passes through

1. Graph the Following:

x	y
1	-2
1	-3
1	-4
1	-5



2. Describe the graph

A vertical line that intersects the
x-axis at 1

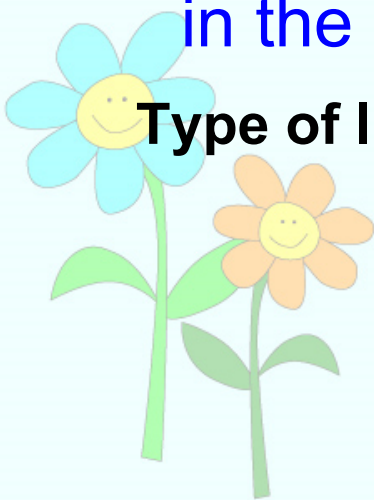
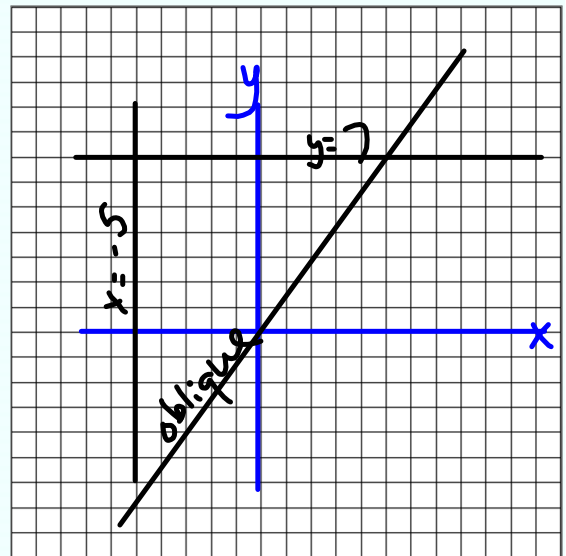
3. Draw a line where $x = -2$ $y = -1$

$x =$ a constant [vertical line] $x =$

$y =$ a constant [horizontal line] $y =$

oblique line- [neither perpendicular or parallel to an axis]-slope or slant

has both x and y
in the equation



Type of line: vertical, horizontal or oblique?

A. $y = 2$ H
B. $y = 2x - 1$ O

C. $x = -4$ V
D. $2y = 4$ H

E. $y = 3x - 1$ O

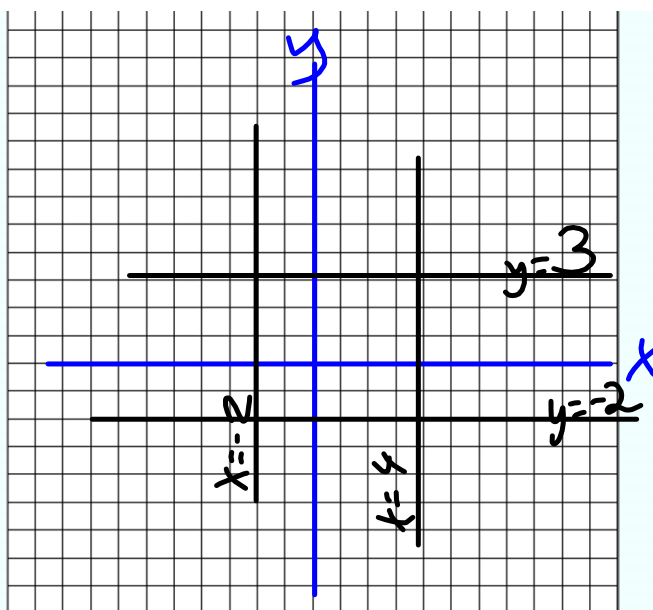
Graph the following:

A. $x = -2$

B. $y = 3$

C. $y = -2$

D. $x = 4$



What about $y = 2x + 1$???

Classify each equation as oblique, horizontal or vertical.
 (x, y) $y =$ $x =$

A. $y + 2 = 3$

D. $y = -3$

B. $2y + 3x = 17$

E. $x = 4$

C. $-3y = 12$

F. $y = 2x + 1$

