

Day 7 - Graphing Horizontal and Vertical Lines - Notes

\overleftrightarrow{H} horizontal line

\odot zero slope

$Y = \#$

$\updownarrow V$ vertical line

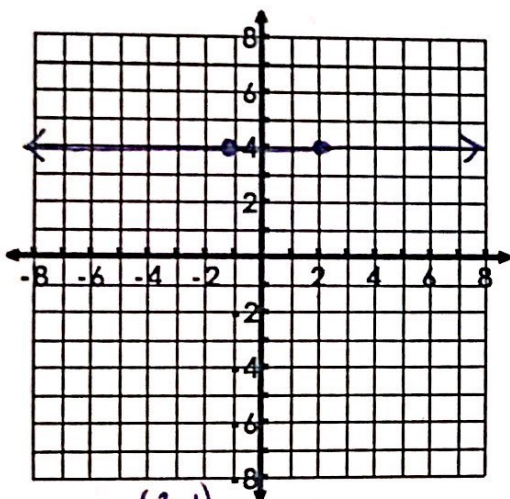
U undefined

$X = \#$

When graphing horizontal and vertical lines, you will have one variable set equal to a constant. Whatever constant the variable is set equal to represents that value in a coordinate point. For example, if you have $y = 2$, all coordinate points must have a value of 2 and x can be whatever you want. Pick 3 points to graph the lines below.

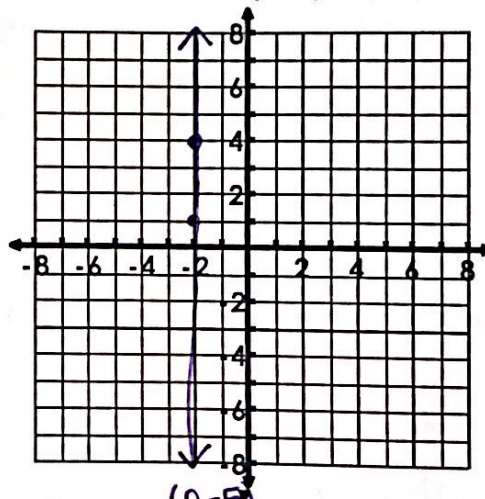
Ex. $y = 4$

$(2, 4)$
 $(-1, 4)$



Ex. $x = -2$

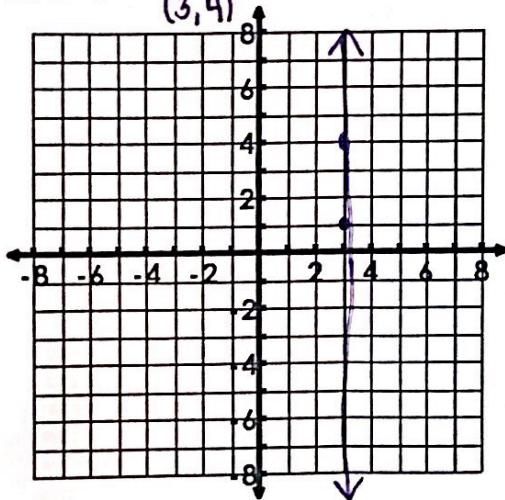
$(-2, 1)$
 $(-2, 4)$



no y-int

Ex. $x = 3$

$(3, 1)$
 $(3, 4)$



no y-int

Ex. $y = -5$

$(0, -5)$
 $(2, -5)$

