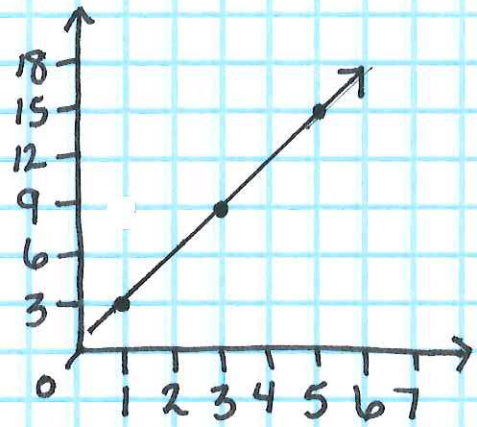
Graphing Equations

Make a table of values for the equation and then graph the equation. Let X be 1, 3, & 5.

$3X=Y$ $\qquad$ $Y=3X$

	X	Y	
$3\cdot1=$	1	3	(1,3)
$3\cdot3=$	3	9	(3,9)
$3\cdot5=$	5	15	(5,15)



Step 1: Create a function table.

Step 2: Put the equation (rule) at the top of the function table.

Step 3: Fill in the function table with numbers they give you

OR

1, 2, 3, etc...

Step 4: Replace "X" with numbers from the function table (work)

Step 5: Name the Ordered pairs.

Step 6: Graph the orclered pairs and connect the points.

Name the ordered pairs. $Y = X + 3$

$X + 3 = Y$

	X	Y	
$1 + 3 =$	1	4	(1,4)
$2 + 3 =$	2	5	(2,5)
$3 + 3 =$	3	6	(3,6)

Make a table of values for the equation and then graph the equation. $Y = X + 4$

$X + 4 = Y$

	X	Y	
$1 + 4 =$	1	5	(1,5)
$2 + 4 =$	2	6	(2,6)
$3 + 4 =$	3	7	(3,7)