

# B1 Notes #3 - Linear Relations

Note Title

01/04/2014

Use the equations to make a t.o.v and graph.

1.  $y = 2x$

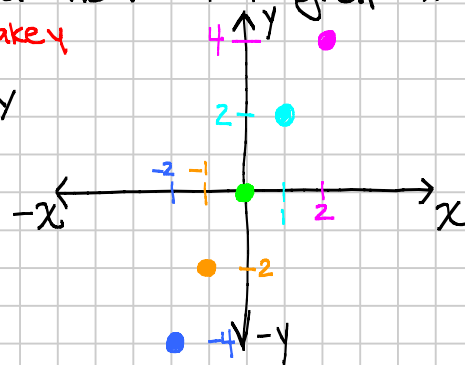
↑ why does  $x$  go 1st?  
You need  $x$  to make  $y$ !

Pick use  $x$  to make  $y$

$x$	$y$
-2	-4
-1	-2
0	0
1	2
2	4

$2(x) = y$   
 $2(-2)$   
 $2(-1)$   
 $2(0)$   
 $2(1)$   
 $2(2)$

+2

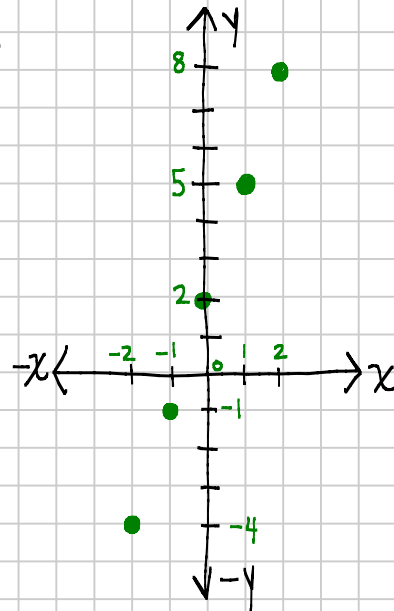


2.  $y = 3x + 2$

use  $x$  from  $-2 \rightarrow 2$

$x$	$y$
-2	-4
-1	-1
0	2
1	5
2	8

$3(x) + 2 = y$   
 $3(-2) + 2$   
 $3(-1) + 2$   
 $3(0) + 2$   
 $3(1) + 2$   
 $3(2) + 2$



3.  $y = -2x + 1$

use  $x: -2 \rightarrow 2$

$x$	$y$
-2	5
-1	3
0	1
1	-1
2	-3

$-2(x) + 1 = y$   
 $-2(-2) + 1$   
 $-2(-1) + 1$   
 $-2(0) + 1$   
 $-2(1) + 1$   
 $-2(2) + 1$

