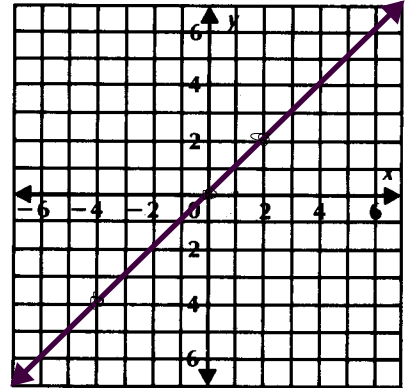


# Graphing an Equation in the Number Plane

## Graphing

For each equation below, complete a table of values. Then graph the four equations on the grid at the right. Write the equation on each line.

Example  
 $y=x$



Example

1.  $y = x$

x	y
0	0
2	2
-4	-4

2.  $y = x + 3$

x	y
0	_____
-2	_____
1	_____

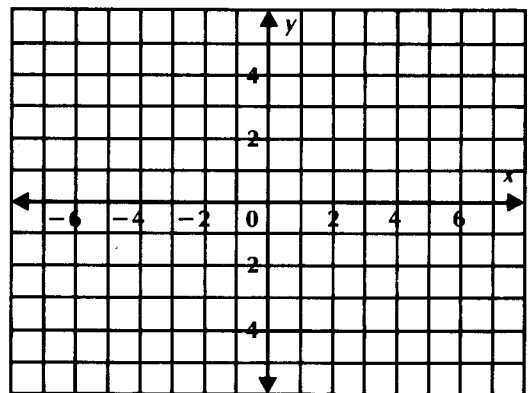
3.  $y = 2x$

x	y
0	_____
-1	_____
2	_____

4.  $y = x - 4$

x	y
5	_____
2	_____
0	_____

For each equation below, complete a table of values. Then graph the three equations on the grid at the right. Write the equation on each line.



5.  $y = -3x + 2$

x	y
0	_____
1	_____
2	_____

6.  $y = x + 3$

x	y
0	_____
-2	_____
1	_____

7.  $y = \frac{1}{3}x - 1$

x	y
3	_____
-3	_____
0	_____