



Slope - Find Equivalent - Slope Y Intercept Form to X,Y Chart

1

What chart of X, Y values matches this line equation?

$$y = 1x + 2$$

A	X	Y	B	X	Y
	0	2		0	2
	1	3		1	1
	2	4		2	0
	3	5		3	-1
	4	6		4	-2

2

What chart of X, Y values matches this line equation?

$$y = -\frac{1}{5}x + 3.2$$

A	X	Y	B	X	Y
	0	3.2		0	3.2
	1	3		1	-1.8
	2	2.8		2	-6.8
	3	2.6		3	-11.8
	4	2.4		4	-16.8

3

What chart of X, Y values matches this line equation?

$$y = 3x + 3$$

A	X	Y	B	X	Y
	0	3		0	3
	1	0		1	6
	2	-3		2	9
	3	-6		3	12
	4	-9		4	15

4

What chart of X, Y values matches this line equation?

$$y = -\frac{1}{3}x + 0.33$$

A	X	Y	B	X	Y
	0	0.33		0	0.33
	1	0		1	-2.67
	2	-0.33		2	-5.67
	3	-0.67		3	-8.67
	4	-1		4	-11.67

5

What chart of X, Y values matches this line equation?

$$y = -4x + 4$$

A	X	Y	B	X	Y
	0	4		0	4
	1	2		1	0
	2	0		2	-4
	3	-2		3	-8
	4	-4		4	-12

6

What chart of X, Y values matches this line equation?

$$y = 2x + 1$$

A	X	Y	B	X	Y
	0	1		0	1
	1	-1		1	3
	2	-3		2	5
	3	-5		3	7
	4	-7		4	9

7

What chart of X, Y values matches this line equation?

$$y = -\frac{1}{2}x + 2.5$$

A	X	Y	B	X	Y
	0	2.5		0	2.5
	1	0.5		1	2
	2	-1.5		2	1.5
	3	-3.5		3	1
	4	-5.5		4	0.5

8

What chart of X, Y values matches this line equation?

$$y = -\frac{1}{4}x + 3.25$$

A	X	Y	B	X	Y
	0	3.25		0	3.25
	1	3		1	-0.75
	2	2.75		2	-4.75
	3	2.5		3	-8.75
	4	2.25		4	-12.75