



Math worksheet on 'Slope - Find Equivalent - Slope Y Intercept Form to X,Y Chart (Level 1)'. Part of a broader unit on 'Slopes and Parallels - Intro'

Learn online: app.mobius.academy/math/units/line_equations_and_parallels_intro/

1

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

$$y = 1x + 3$$

a	X	Y	b	X	Y
	0	3		0	3
	1	2		1	4
	2	1		2	5
	3	0		3	6
	4	-1		4	7

2

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

$$y = \frac{1}{4}x + 3$$

a	X	Y	b	X	Y
	0	3		0	3
	1	3.25		1	7
	2	3.5		2	11
	3	3.75		3	15
	4	4		4	19

3

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

$$y = -\frac{1}{3}x + 3.33$$

a	X	Y	b	X	Y
	0	3.33		0	3.33
	1	3		1	0.33
	2	2.67		2	-2.67
	3	2.33		3	-5.67
	4	2		4	-8.67

4

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

$$y = -4x + 4$$

a	X	Y	b	X	Y
	0	4		0	4
	1	0		1	2
	2	-4		2	0
	3	-8		3	-2
	4	-12		4	-4

5

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

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

a	X	Y	b	X	Y
	0	1		0	1
	1	0.5		1	1.5
	2	0		2	2
	3	-0.5		3	2.5
	4	-1		4	3

6

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

$$y = -2x + 2$$

a	X	Y	b	X	Y
	0	2		0	2
	1	4		1	0
	2	6		2	-2
	3	8		3	-4
	4	10		4	-6

7

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

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

a	X	Y	b	X	Y
	0	1		0	1
	1	1.33		1	4
	2	1.67		2	7
	3	2		3	10
	4	2.33		4	13