



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

Learn online:

app.mobius.academy/math/units/line_equations_and_perpendiculars_intro/

1

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

$$5x + 1y = 5$$

a	X	Y	b	X	Y
	0	5		0	5
	1	0		1	10
	2	-5		2	15
	3	-10		3	20
	4	-15		4	25

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

$$0.33x + 1y = 0.33$$

a	X	Y	b	X	Y
	0	0.33		0	0.33
	1	-2.67		1	0
	2	-5.67		2	-0.33
	3	-8.67		3	-0.67
	4	-11.67		4	-1

3

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

$$0.5x + 1y = 2.5$$

a	X	Y	b	X	Y
	0	2.5		0	2.5
	1	3		1	2
	2	3.5		2	1.5
	3	4		3	1
	4	4.5		4	0.5

4

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

$$0.2x + 1y = 3.2$$

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

5

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

$$-1x + 1y = 3$$

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

6

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

$$-0.2x + 1y = 1$$

a	X	Y	b	X	Y
	0	1		0	1
	1	6		1	1.2
	2	11		2	1.4
	3	16		3	1.6
	4	21		4	1.8

7

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

$$-0.5x + 1y = 3$$

a	X	Y	b	X	Y
	0	3		0	3
	1	5		1	3.5
	2	7		2	4
	3	9		3	4.5
	4	11		4	5