



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

Learn online: [app.mobius.academy/math/units/slope\\_intro/](http://app.mobius.academy/math/units/slope_intro/)

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$$m = \frac{1}{2}$$

What chart of X, Y values would have this slope?

a	X	Y	b	X	Y
	0	3		0	3
	1	3.5		1	2.5
	2	4		2	2
	3	4.5		3	1.5
	4	5		4	1

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What chart of X, Y values would have this slope?

$$m = -5$$

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

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What chart of X, Y values would have this slope?

$$m = 1$$

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

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What chart of X, Y values would have this slope?

$$m = 5$$

a	X	Y	b	X	Y
	0	1		0	1
	1	-4		1	6
	2	-9		2	11
	3	-14		3	16
	4	-19		4	21

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What chart of X, Y values would have this slope?

$$m = -\frac{1}{4}$$

a	X	Y	b	X	Y
	0	2.25		0	2.25
	1	2		1	-1.75
	2	1.75		2	-5.75
	3	1.5		3	-9.75
	4	1.25		4	-13.75

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What chart of X, Y values would have this slope?

$$m = -1$$

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

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What chart of X, Y values would have this slope?

$$m = 3$$

a	X	Y	b	X	Y
	0	1		0	1
	1	-2		1	4
	2	-5		2	7
	3	-8		3	10
	4	-11		4	13