



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

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1 What line equation would create this set of X, Y values?

X	Y
0	1
1	1.2
2	1.4
3	1.6
4	1.8

a	$y = -\frac{1}{5}x + 1$	b	$y = 5x + 1$
c	$y = -\frac{5}{2}x + 1$	d	$y = \frac{1}{5}x + 1$

2 What line equation would create this set of X, Y values?

X	Y
0	1
1	4
2	7
3	10
4	13

a	$y = \frac{3}{2}x + 1$	b	$y = 3x + 1$
c	$y = -3x + 1$	d	$y = \frac{1}{3}x + 1$

3 What line equation would create this set of X, Y values?

X	Y
0	0.5
1	0
2	-0.5
3	-1
4	-1.5

a	$y = -\frac{1}{2}x + 0.5$	b	$y = \frac{1}{2}x + 0.5$
c	$y = -2x + 0.5$	d	$y = \frac{2}{2}x + 0.5$

4 What line equation would create this set of X, Y values?

X	Y
0	2
1	3
2	4
3	5
4	6

a	$y = -1x + 2$	b	$y = \frac{1}{2}x + 2$
c	$y = 1x + 2$		

5 What line equation would create this set of X, Y values?

X	Y
0	2
1	7
2	12
3	17
4	22

a	$y = \frac{5}{2}x + 2$	b	$y = \frac{1}{5}x + 2$
c	$y = 5x + 2$	d	$y = -5x + 2$

6 What line equation would create this set of X, Y values?

X	Y
0	3
1	5
2	7
3	9
4	11

a	$y = 2x + 3$	b	$y = \frac{1}{2}x + 3$
c	$y = \frac{2}{2}x + 3$	d	$y = -2x + 3$

7 What line equation would create this set of X, Y values?

X	Y
0	1
1	1.33
2	1.67
3	2
4	2.33

a	$y = \frac{1}{3}x + 1$	b	$y = -\frac{1}{3}x + 1$
c	$y = -\frac{3}{2}x + 1$	d	$y = 3x + 1$