



Math worksheet on 'Slope - Find Equivalent - X, Y Chart to Slope Zero Intercept Form (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/)

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

X	Y
0	0
1	5
2	10
3	15
4	20

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

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

X	Y
0	0
1	0.33
2	0.67
3	1
4	1.33

<b>a</b> $y = \frac{1}{3}x$	<b>b</b> $y = -3x$
<b>c</b> $y = \frac{3}{2}x$	

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

X	Y
0	0
1	4
2	8
3	12
4	16

<b>a</b> $y = \frac{4}{2}x$	<b>b</b> $y = -4x$
<b>c</b> $y = \frac{1}{4}x$	<b>d</b> $y = 4x$

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

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

<b>a</b> $y = -2x$	<b>b</b> $y = \frac{1}{2}x$
<b>c</b> $y = \frac{2}{2}x$	

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

X	Y
0	0
1	0.2
2	0.4
3	0.6
4	0.8

<b>a</b> $y = \frac{5}{2}x$	<b>b</b> $y = -5x$
<b>c</b> $y = \frac{1}{5}x$	

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

X	Y
0	0
1	1
2	2
3	3
4	4

<b>a</b> $y = \frac{1}{2}x$	<b>b</b> $y = 1x$
<b>c</b> $y = -1x$	

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

X	Y
0	0
1	2
2	4
3	6
4	8

<b>a</b> $y = \frac{1}{2}x$	<b>b</b> $y = 2x$
<b>c</b> $y = -2x$	<b>d</b> $y = \frac{2}{2}x$