

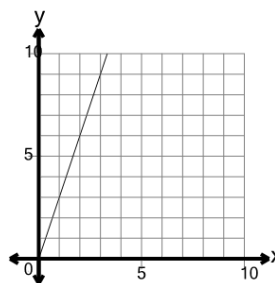


Math worksheet on 'Slope of a Line Through Origin Given Slope - Select Linear Equation Based on Slope (Level 1)'. Part of a broader unit on 'Line Equations and Graphing - Practice'

Learn online:

app.mobius.academy/math/units/line_equations_and_graphing_practice/

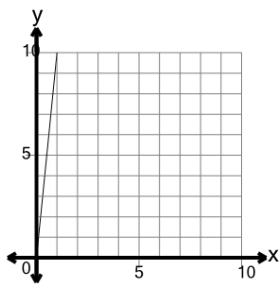
1



Select the equation that would result in the line shown with a slope of 3

- a $y = 7x + 3$
- b $y = -3.0000138215090324$
- c $y = -2x - 3$
- d $y = 5x - 3$
- e $y = 3x$
- f $y = -1x$

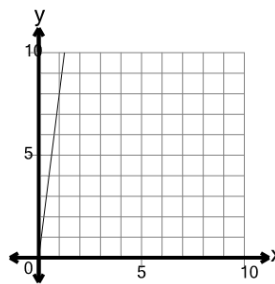
2



Select the equation that would result in the line shown with a slope of 10

- a $y = 14x$
- b $y = 6x + 3$
- c $y = -10.000184289334255$
- d $y = 6x$
- e $y = 8x - 3$
- f $y = 10x$

3

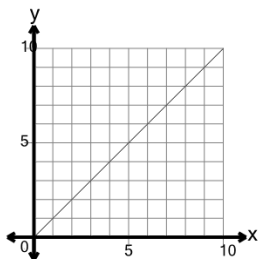


Select the equation that would result in the line shown with a slope of 8

- a $y = 9x + 3$
- b $y = -7.999926286303994$
- c $y = 6x + 3$
- d $y = 4x + 3$
- e $y = -8x$
- f $y = 8x$

4

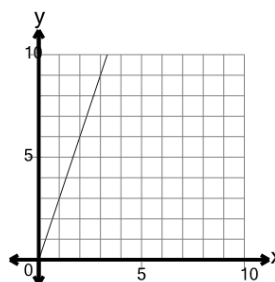
Select the equation that would result in the line shown with a slope of 1



- | | |
|-----------------|-----------------|
| a $y = -4x + 3$ | b $y = -3x + 3$ |
| c $y = -1$ | d $y = 4x + 3$ |
| e $y = 1x$ | f $y = -4x$ |

5

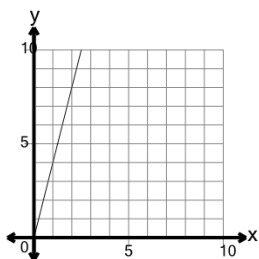
Select the equation that would result in the line shown with a slope of 3



- a $y = 3x$
- b $y = 1x + 3$
- c $y = -3.0000138215090324$
- d $y = 2x$
- e $y = 4x$
- f $y = 1x$

6

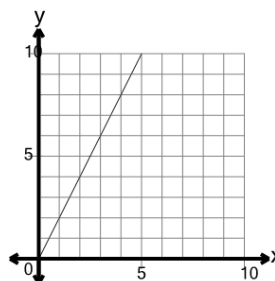
Select the equation that would result in the line shown with a slope of 4



- | | |
|-----------------|------------|
| a $y = -1x + 3$ | b $y = 0$ |
| c $y = 5x$ | d $y = 4x$ |
| e $y = 4x + 3$ | f $y = -3$ |

7

Select the equation that would result in the line shown with a slope of 2



- a $y = 6x + 3$
- b $y = 5x$
- c $y = -2x$
- d $y = 2x$
- e $y = 4x$
- f $y = -1.9999999999999998$