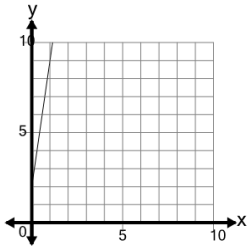
Name

Slope of a Line - Select Linear Equation Based on Slope and Y Intercept

1 Select the equation that would result in the line shown with a y-intercept of 2 and a slope of 7



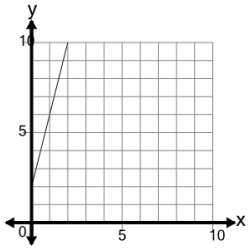
A $y = 3x + 5$

B $y = -2x - 7$

C $y = 4x + 2$

D $y = 7x + 2$

2 Select the equation that would result in the line shown with a y-intercept of 2 and a slope of 4



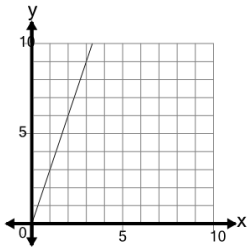
A $y = 4x + 2$

B $y = 6x + 5$

C $y = 1x - 1$

D $y = 2x + 5$

3 Select the equation that would result in the line shown with a y-intercept of 0 and a slope of 3



A $y = 5x - 3$

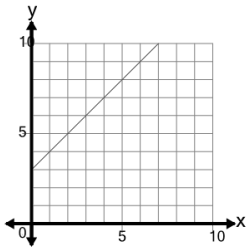
B $y = 3x$

C $y = 0$

D $y = 7x + 3$

E $y = -1x - 3$

4 Select the equation that would result in the line shown with a y-intercept of 3 and a slope of 1



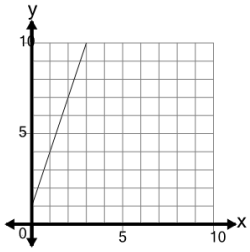
A $y = 1x + 6$

B $y = -3x - 1$

C $y = 1x + 3$

D $y = -4x + 6$

5 Select the equation that would result in the line shown with a y-intercept of 1 and a slope of 3



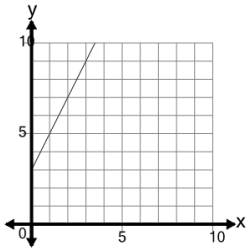
A $y = 3x + 1$

B $y = 4$

C $y = 2x + 4$

D $y = 7x + 1$

6 Select the equation that would result in the line shown with a y-intercept of 3 and a slope of 2



A $y = 2x + 3$

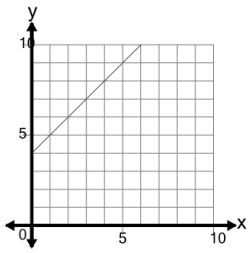
B $y = -1x + 3$

C $y = 4x + 3$

D $y = 3x$

E $y = 4x + 6$

7 Select the equation that would result in the line shown with a y-intercept of 4 and a slope of 1



A $y = -1x + 7$

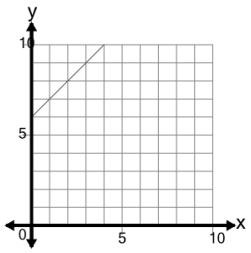
B $y = -4x - 1$

C $y = 2x + 1$

D $y = 1x + 4$

E $y = 2x + 7$

8 Select the equation that would result in the line shown with a y-intercept of 6 and a slope of 1



A $y = 4x + 6$

B $y = -1x + 9$

C $y = 1x + 6$

D $y = 2x + 9$

E $y = -6x - 1$