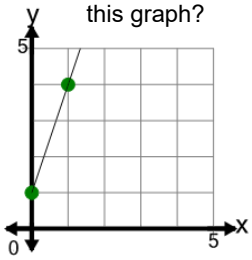
Name

Slope - Find Perpendicular - Graph to Slope Y Intercept Form

1 What line equation would have a slope that is PERPENDICULAR to the slope of the line on this graph?



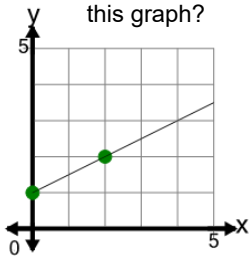
A $y = -3x + 2.33$

B $y = \frac{1}{3}x + 2.33$

C $y = -\frac{1}{3}x + 2.33$

D $y = \frac{3}{2}x + 2.33$

2 What line equation would have a slope that is PERPENDICULAR to the slope of the line on this graph?



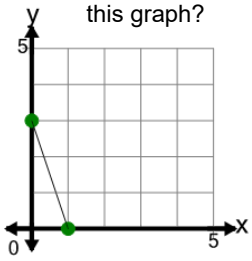
A $y = -\frac{2}{2}x + 2$

B $y = -2x + 2$

C $y = -\frac{1}{2}x + 2$

D $y = 2x + 2$

3 What line equation would have a slope that is PERPENDICULAR to the slope of the line on this graph?



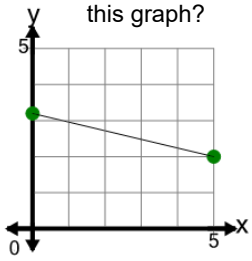
A $y = -\frac{1}{3}x + 1$

B $y = -\frac{3}{2}x + 1$

C $y = \frac{1}{3}x + 1$

D $y = 3x + 1$

4 What line equation would have a slope that is PERPENDICULAR to the slope of the line on this graph?



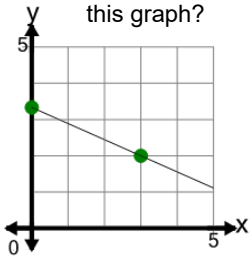
A $y = -5x + 2$

B $y = 5x + 2$

C $y = \frac{1}{5}x + 2$

D $y = \frac{5}{2}x + 2$

5 What line equation would have a slope that is PERPENDICULAR to the slope of the line on this graph?



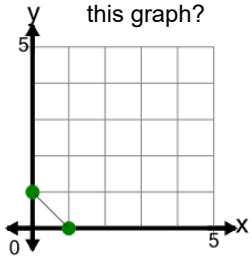
A $y = \frac{3}{2}x + 1$

B $y = \frac{1}{3}x + 1$

C $y = -3x + 1$

D $y = 3x + 1$

6 What line equation would have a slope that is PERPENDICULAR to the slope of the line on this graph?

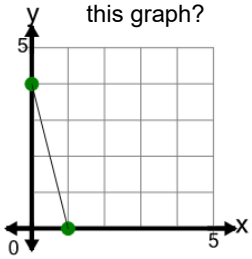


A $y = -1x + 1$

B $y = -\frac{1}{2}x + 1$

C $y = 1x + 1$

7 What line equation would have a slope that is PERPENDICULAR to the slope of the line on this graph?



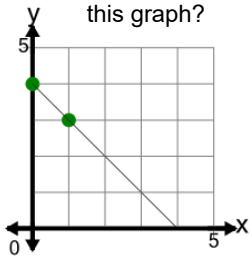
A $y = \frac{1}{4}x + 3$

B $y = -\frac{4}{2}x + 3$

C $y = -\frac{1}{4}x + 3$

D $y = 4x + 3$

8 What line equation would have a slope that is PERPENDICULAR to the slope of the line on this graph?



A $y = -1x + 1$

B $y = 1x + 1$

C $y = \frac{1}{2}x + 1$