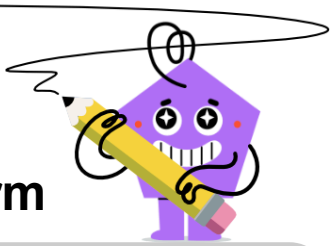
Name

Slope - Find Perpendicular - Slope Y Intercept Form to Slope Y Intercept Form



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

$$y = 1x + 1$$

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

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

$$y = 5x + 3$$

A	$y = \frac{1}{5}x + 2.2$	B	$y = \frac{5}{2}x + 2.2$
C	$y = -\frac{1}{5}x + 2.2$	D	$y = -5x + 2.2$

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

$$y = -\frac{1}{4}x + 2.25$$

A	$y = -4x + 2$	B	$y = 4x + 2$
C	$y = \frac{4}{2}x + 2$	D	$y = \frac{1}{4}x + 2$

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

$$y = -3x + 3$$

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

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

$$y = -\frac{1}{5}x + 0.2$$

A	$y = 5x + 2$	B	$y = \frac{5}{2}x + 2$
C	$y = -5x + 2$	D	$y = \frac{1}{5}x + 2$

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

$$y = 1x + 3$$

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

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

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

A	$y = -\frac{1}{4}x + 4$	B	$y = -4x + 4$
C	$y = -\frac{4}{2}x + 4$	D	$y = 4x + 4$

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

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

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