Name

Slope - Find Perpendicular - Slope Zero Intercept Form to Slope Zero Intercept Form

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

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

A $y = -2x$

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

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

D $y = 2x$

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

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

A $y = 4x$

B $y = -4x$

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

D $y = \frac{4}{2}x$

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

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

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

B $y = 2x$

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

D $y = -2x$

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

$$y = -1x$$

A $y = 1x$

B $y = -1x$

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

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

$$y = 3x$$

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

B $y = \frac{3}{2}x$

C $y = -3x$

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

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

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

A $y = -3x$

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

C $y = 3x$

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

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

$$y = 2x$$

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

B $y = \frac{2}{2}x$

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

D $y = -2x$

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

$$y = \frac{1}{5}x$$

A $y = -5x$

B $y = -\frac{5}{2}x$

C $y = -\frac{1}{5}x$

D $y = 5x$