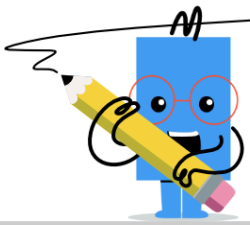
Name

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



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

$$m = \frac{1}{4}$$

A $y = -\frac{4}{2}x$

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

C $y = -4x$

D $y = 4x$

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

$$m = 1$$

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

B $y = 1x$

C $y = -1x$

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

$$m = \frac{1}{5}$$

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

B $y = 5x$

C $y = -5x$

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

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

$$m = -5$$

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

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

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

D $y = 5x$

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

$$m = \frac{1}{2}$$

A $y = 2x$

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

C $y = -2x$

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

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

$$m = 4$$

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

B $y = -4x$

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

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

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

$$m = 5$$

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

B $y = -5x$

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

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

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

$$m = -3$$

A $y = 3x$

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

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

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