Name

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

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

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

m=0.5

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

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

m=2

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

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

m=1

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

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

m=-5

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

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

m=-0.2

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

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

m=4

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

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

m=-0.25

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