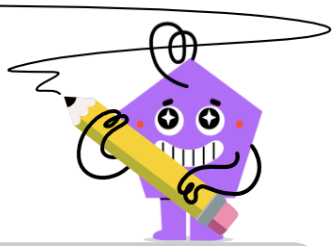
Name

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



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

m=0.5

A $y = 2x + 2$

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

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

D $y = -2x + 2$

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

m=5

A $y = \frac{1}{5}x + 2.2$

B $y = -5x + 2.2$

C $y = \frac{5}{2}x + 2.2$

D $y = -\frac{1}{5}x + 2.2$

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

m=0.25

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

B $y = 4x + 4$

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

D $y = -4x + 4$

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

m=3

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

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

C $y = -3x + 2.33$

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

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

m=-5

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

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

C $y = 5x + 2$

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

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

m=-0.33

A $y = 3x + 3$

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

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

D $y = -3x + 3$

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

m=4

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

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

C $y = -4x + 2.25$

D $y = \frac{4}{2}x + 2.25$

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

m=-0.5

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

B $y = 2x + 1$

C $y = -2x + 1$

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