mobius

Math worksheet on *'Slope - Find Perpendicular - Fraction Slope to Slope Zero Intercept Form (Level 1)'*. Part of a broader unit on *'Slopes and Perpendiculars - Intro'*

Learn online:

app.mobius.academy/math/units/line_equations_and_perpendiculars_intro/

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

$m = 4$

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

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

c $y = -4x$

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

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?

$m = 1$

a $y = 1x$

b $y = -1x$

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

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

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

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

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

a $y = -5x$

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?

$m = -2$

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

b $y = 2x$

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

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

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

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

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

b $y = 2x$

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

d $y = -2x$