



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

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

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

$$y = -2x + 2$$

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

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

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

d $y = 2x + 1$

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

$$y = -1x + 1$$

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

b $y = 1x + 2$

c $y = -1x + 2$

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

$$y = -5x + 5$$

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

b $y = 5x + 1$

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

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

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

$$y = -\frac{1}{5}x + 0.2$$

a $y = -5x + 2$

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

c $y = \frac{5}{2}x + 2$

d $y = 5x + 2$

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

$$y = -\frac{1}{2}x + 2.5$$

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

b $y = \frac{2}{2}x + 2$

c $y = 2x + 2$

d $y = -2x + 2$

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

$$y = -\frac{1}{3}x + 0.33$$

a $y = \frac{1}{3}x + 2$

b $y = -3x + 2$

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

d $y = 3x + 2$

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

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

a $y = 3x + 3$

b $y = -3x + 3$

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

d $y = -\frac{3}{2}x + 3$