



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

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**1** What slope would be PERPENDICULAR to the slope of this line equation?

<b>a</b>	<b>b</b>	<b>c</b>
$m = -4$	$m = \frac{1}{4}$	$m = \frac{4}{2}$

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

<b>d</b>		
$m = 4$		

**2** What slope would be PERPENDICULAR to the slope of this line equation?

<b>a</b>	<b>b</b>	<b>c</b>
$m = -3$	$m = \frac{3}{2}$	$m = -\frac{1}{3}$

$$y = 3x$$

<b>d</b>		
$m = \frac{1}{3}$		

**3** What slope would be PERPENDICULAR to the slope of this line equation?

<b>a</b>	<b>b</b>	<b>c</b>
$m = -4$	$m = 4$	$m = -\frac{1}{4}$

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

<b>d</b>		
$m = -\frac{4}{2}$		

**4** What slope would be PERPENDICULAR to the slope of this line equation?

$$y = -1x$$

<b>a</b>	<b>b</b>	<b>c</b>
$m = 1$	$m = \frac{1}{2}$	$m = -1$

**5** What slope would be PERPENDICULAR to the slope of this line equation?

$$y = -5x$$

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
$m = -\frac{5}{2}$	$m = -\frac{1}{5}$	$m = 5$	$m = \frac{1}{5}$

**6** What slope would be PERPENDICULAR to the slope of this line equation?

<b>a</b>	<b>b</b>	<b>c</b>
$m = -\frac{2}{2}$	$m = -\frac{1}{2}$	$m = 2$

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

<b>d</b>		
$m = -2$		

**7** What slope would be PERPENDICULAR to the slope of this line equation?

<b>a</b>	<b>b</b>	<b>c</b>
$m = \frac{1}{3}$	$m = \frac{3}{2}$	$m = -3$

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

<b>d</b>		
$m = 3$		