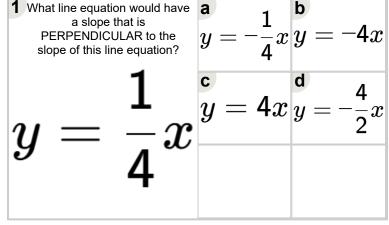# mobius

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

Learn online:

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

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

a	b
$y = -\frac{1}{4}x$	$y = -4x$
c $y = 4x$	**d** $y = -\frac{4}{2}x$

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

$$y = -5x$$

a	b	c	d
$y = \frac{1}{5}x$	$y = -\frac{1}{5}x$	$y = -\frac{5}{2}x$	$y = 5x$

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

$$y = 2x$$

a	b
$y = -\frac{1}{2}x$	$y = -2x$
c $y = \frac{2}{2}x$	**d** $y = \frac{1}{2}x$

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

$$y = -3x$$

a	b	c	d
$y = -\frac{1}{3}x$	$y = 3x$	$y = \frac{1}{3}x$	$y = -\frac{3}{2}x$

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

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

a	b
$y = -\frac{1}{5}x$	$y = -5x$
c $y = -\frac{5}{2}x$	**d** $y = 5x$

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

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

a	b
$y = \frac{5}{2}x$	$y = 5x$
c $y = -5x$	**d** $y = \frac{1}{5}x$

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

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

a	b
$y = -\frac{3}{2}x$	$y = -\frac{1}{3}x$
c $y = -3x$	**d** $y = 3x$