Name

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

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

$$y = -4x + 4$$

A	B	C	D
$y = -\frac{1}{4}x$	$y = \frac{1}{4}x$	$y = -\frac{4}{2}x$	$y = 4x$

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

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

A	B
$y = -\frac{2}{2}x$	$y = -2x$
C	D
$y = 2x$	$y = -\frac{1}{2}x$

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

$$y = 5x + 3$$

A	B
$y = \frac{5}{2}x$	$y = -5x$
C	D
$y = -\frac{1}{5}x$	$y = \frac{1}{5}x$

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

$$y = 4x + 1$$

A	B
$y = \frac{4}{2}x$	$y = -\frac{1}{4}x$
C	D
$y = \frac{1}{4}x$	$y = -4x$

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

$$y = -1x + 3$$

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

6 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	B
$y = \frac{2}{2}x$	$y = -2x$
C	D
$y = 2x$	$y = \frac{1}{2}x$

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

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

A	B
$y = -3x$	$y = -\frac{3}{2}x$
C	D
$y = 3x$	$y = -\frac{1}{3}x$

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

$$y = -5x + 5$$

A	B	C	D
$y = -\frac{1}{5}x$	$y = \frac{1}{5}x$	$y = -\frac{5}{2}x$	$y = 5x$