Name
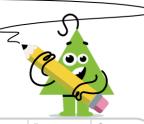
Slope - Find Perpendicular - Slope Zero Intercept Form to Fraction Slope

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

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

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

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

$$y = 4x$$

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

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

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

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

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

$$y = -5x$$

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

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

$$y = 3x$$

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

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

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

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

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

$$y = -2x$$

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

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

$$y = 1x$$

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