



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

Learn online:

[app.mobius.academy/math/units/line\\_equations\\_and\\_perpendiculars\\_practice/](http://app.mobius.academy/math/units/line_equations_and_perpendiculars_practice/)

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

$$-0.75x + 3y = 6$$

a	b	c	d
$m = 4$	$m = -4$	$m = -\frac{4}{2}$	$m = -\frac{1}{4}$

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

$$10x + 2y = 10$$

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

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

$$-6x + 3y = 9$$

a	b	c	d
$m = \frac{1}{2}$	$m = -2$	$m = \frac{2}{2}$	$m = -\frac{1}{2}$

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

$$0.5x + 2y = 4.5$$

a	b	c	d
$m = \frac{1}{4}$	$m = -4$	$m = \frac{4}{2}$	$m = 4$

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

$$1.5x + 3y = 10.5$$

a	b	c	d
$m = 2$	$m = -2$	$m = \frac{2}{2}$	$m = \frac{1}{2}$

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

$$2x + 2y = 8$$

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

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

$$-1x + 3y = 6$$

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