Mobius Math Club Name:_____

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

Learn online:

app.mobius.academy/math/units/line_equations_and_perpendiculars_intro/

1 What slope would be PERPENDICULAR to this slope?

$$m = \frac{1}{3}$$

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

2 What slope would be PERPENDICULAR to this slope?

$$m = -\frac{1}{2}$$

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

3 What slope would be PERPENDICULAR to this slope?

$$m = -\frac{1}{4}$$

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

4 What slope would be PERPENDICULAR to this slope?

$$m = \frac{1}{2}$$

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

5 What slope would be PERPENDICULAR to this slope?

$$m = 5$$

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

6 What slope would be PERPENDICULAR to this slope?

$$m = -3$$

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

7 What slope would be PERPENDICULAR to this slope?

$$m = -\frac{1}{5}$$

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