Name

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

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

$$-15x + 3y = 3$$

A	$y = -\frac{1}{5}x + 0.2$	B	$y = \frac{1}{5}x + 0.2$
C	$y = \frac{5}{2}x + 0.2$	D	$y = -5x + 0.2$

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

$$1x + 2y = 3$$

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

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

$$2x + 2y = 2$$

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

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

$$-1x + 2y = 4$$

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

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

$$0.75x + 3y = 3.75$$

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

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

$$-12x + 3y = 3$$

A	$y = -4x + 1.25$	B	$y = \frac{4}{2}x + 1.25$
C	$y = \frac{1}{4}x + 1.25$	D	$y = -\frac{1}{4}x + 1.25$

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

$$1x + 3y = 4$$

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

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

$$-2x + 1y = 2$$

A	$y = -2x + 1.5$	B	$y = \frac{1}{2}x + 1.5$
C	$y = \frac{2}{2}x + 1.5$	D	$y = -\frac{1}{2}x + 1.5$