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

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

$$-1x + 2y = 6$$

a	$y = -2x$	**b**	$y = -\frac{2}{2}x$
c	$y = 2x$	**d**	$y = -\frac{1}{2}x$

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

$$-10x + 2y = 6$$

a	$y = \frac{1}{5}x$	**b**	$y = -5x$
c	$y = -\frac{1}{5}x$	**d**	$y = \frac{5}{2}x$

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

$$0.75x + 3y = 3.75$$

a	$y = \frac{4}{2}x$	**b**	$y = \frac{1}{4}x$
c	$y = 4x$	**d**	$y = -4x$

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

$$-2x + 1y = 3$$

a	$y = -2x$	**b**	$y = -\frac{1}{2}x$
c	$y = \frac{2}{2}x$	**d**	$y = \frac{1}{2}x$

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

$$8x + 2y = 8$$

a	**b**	**c**	**d**
$y = \frac{1}{4}x$	$y = -\frac{1}{4}x$	$y = -\frac{4}{2}x$	$y = 4x$

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

$$-0.4x + 2y = 2$$

a	$y = -5x$	**b**	$y = 5x$
c	$y = -\frac{5}{2}x$	**d**	$y = -\frac{1}{5}x$

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

$$6x + 2y = 6$$

a	**b**	**c**	**d**
$y = \frac{1}{3}x$	$y = -\frac{3}{2}x$	$y = 3x$	$y = -\frac{1}{3}x$