



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

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

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

a $2x + 1y = 4$	b $12x + 3y = 12$
c $0.75x + 3y = 12$	d $-12x + 3y = 12$

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

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

a $-3x + 1y = 3$	b $1x + 3y = 9$
c $1.5x + 1y = 3$	d $6x + 2y = 6$

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

$$y = -\frac{1}{2}x + 2.5$$

a $-1.5x + 3y = 3$	b $6x + 3y = 3$
c $-2x + 1y = 1$	d $-2x + 2y = 2$

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

$$y = 1x + 1$$

a $1x + 1y = 1$	b $2x + 2y = 2$
c $0.5x + 1y = 1$	d $-2x + 2y = 2$

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

$$y = 5x + 2$$

a $0.3x + 3y = 3.6$	b $-0.6x + 3y = 3.6$
c $15x + 3y = 3.6$	d $0.6x + 3y = 3.6$

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

$$y = \frac{1}{5}x + 2$$

a $-5x + 1y = 5$	b $5x + 2y = 10$
c $10x + 2y = 10$	d $0.4x + 2y = 10$

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

$$y = -5x + 5$$

a $-0.2x + 2y = 2$	b $-0.4x + 2y = 2$
c $0.6x + 3y = 3$	d $-15x + 3y = 3$