



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

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

2 What line equation in standard form would be equivalent to this line equation?

$$y = -2x + 2$$

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

1 What line equation in standard form would be equivalent to this line equation?

$$y = -1x + 2$$

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

3 What line equation in standard form would be equivalent to this line equation?

$$y = -5x + 5$$

- | | |
|-------------------------|--------------------------|
| a $-5x + 1y = 5$ | b $2.5x + 1y = 5$ |
| c $5x + 1y = 5$ | d $0.2x + 1y = 5$ |

4 What line equation in standard form would be equivalent to this line equation?

$$y = -\frac{1}{3}x + 3.33$$

- | | |
|------------------------------|------------------------------|
| a $0.17x + 1y = 3.33$ | b $0.33x + 1y = 3.33$ |
| c $0.33x + 1y = 3.33$ | d $3x + 1y = 3.33$ |

5 What line equation in standard form would be equivalent to this line equation?

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

- | |
|----------------------------|
| a $-3x + 1y = 3$ |
| b $0.33x + 1y = 3$ |
| c $-0.17x + 1y = 3$ |
| d $-0.33x + 1y = 3$ |

6 What line equation in standard form would be equivalent to this line equation?

$$y = -3x + 3$$

- | | |
|---------------------------|--------------------------|
| a $0.33x + 1y = 3$ | b $-3x + 1y = 3$ |
| c $3x + 1y = 3$ | d $1.5x + 1y = 3$ |

7 What line equation in standard form would be equivalent to this line equation?

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

- | | |
|---------------------------|---------------------------|
| a $0.2x + 1y = 2$ | b $-5x + 1y = 2$ |
| c $-0.1x + 1y = 2$ | d $-0.2x + 1y = 2$ |