



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

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

$$y = -5x$$

- | | | | |
|---|------------------|---|-----------------|
| a | $0.6x + 3y = 15$ | b | $15x + 3y = 15$ |
| c | $-10x + 2y = 10$ | d | $5x + 2y = 10$ |

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

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

- | | |
|---|--------------------|
| a | $0.25x + 1y = 3.5$ |
| b | $4x + 2y = 7$ |
| c | $-1x + 2y = 7$ |
| d | $0.5x + 1y = 3.5$ |

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

$$y = 3x$$

- | | |
|---|-------------------|
| a | $-0.33x + 1y = 2$ |
| b | $9x + 3y = 6$ |
| c | $-9x + 3y = 6$ |
| d | $-1.5x + 1y = 2$ |

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

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

- | | |
|---|-------------------|
| a | $-0.25x + 1y = 3$ |
| b | $0.25x + 1y = 3$ |
| c | $-8x + 2y = 6$ |
| d | $-0.25x + 2y = 6$ |

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

$$y = 1x$$

- | | | | |
|---|----------------|---|------------------|
| a | $1x + 1y = 2$ | b | $-2x + 2y = 4$ |
| c | $-1x + 1y = 2$ | d | $-0.5x + 1y = 2$ |

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

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

- | | |
|---|-------------------|
| a | $-0.25x + 1y = 1$ |
| b | $-0.5x + 1y = 1$ |
| c | $1.5x + 3y = 3$ |
| d | $-4x + 2y = 2$ |

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

$$y = -4x$$

- | | | | |
|---|---------------|---|-------------------|
| a | $8x + 2y = 8$ | b | $-4x + 1y = 4$ |
| c | $4x + 2y = 8$ | d | $0.75x + 3y = 12$ |