



Math worksheet on 'Slope - Find Parallel - Graph 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 the line on this graph?

| | |
|------------------------------|------------------------------|
| a $-10x + 2y = 6$ | b $-0.1x + 1y = 3$ |
| c $-0.4x + 2y = 6$ | d $0.6x + 3y = 9$ |
| | |

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

| | |
|------------------------------|------------------------------|
| a $-0.2x + 1y = 2$ | b $-2.5x + 1y = 2$ |
| c $-10x + 2y = 4$ | d $15x + 3y = 6$ |
| | |

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

| | |
|----------------------------|----------------------------|
| a $-3x + 2y = 4$ | b $3x + 1y = 2$ |
| c $-9x + 3y = 6$ | d $-1x + 3y = 6$ |
| | |

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

| | |
|-----------------------------|-------------------------------|
| a $-1x + 2y = 3$ | b $6x + 3y = 4.5$ |
| c $0.5x + 2y = 3$ | d $0.5x + 1y = 1.5$ |
| | |

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

| | |
|----------------------------|---------------------------|
| a $-2x + 1y = 2$ | b $1x + 2y = 4$ |
| c $4x + 2y = 4$ | d $3x + 3y = 6$ |
| | |

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

| |
|----------------------------------|
| a $3x + 1y = 1.33$ |
| b $0.33x + 1y = 1.33$ |
| c $0.5x + 3y = 4$ |
| d $-0.67x + 2y = 2.67$ |

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

| | |
|------------------------------|------------------------------|
| a $-0.5x + 3y = 9$ | b $-1x + 3y = 9$ |
| c $-6x + 2y = 6$ | d $0.67x + 2y = 6$ |
| | |