

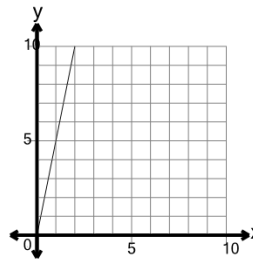


Math worksheet on 'Slope of a Line - Select Linear Equation Based on Graph (Level 2)'. Part of a broader unit on 'Line Equations and Graphing - Practice'

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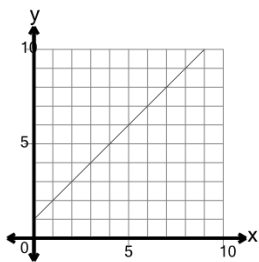
app.mobius.academy/math/units/line_equations_and_graphing_practice/

1 Select the equation that would result in the line on the graph as shown



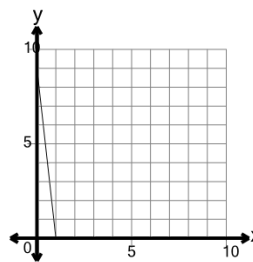
- | | | | |
|---|--------------|---|--------------|
| a | $y = 5x$ | b | $y = 8x$ |
| c | $y = -3$ | d | $y = 7x$ |
| e | $y = 3x - 3$ | f | $y = 4x + 3$ |

2 Select the equation that would result in the line on the graph as shown



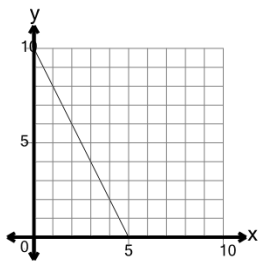
- | | | | |
|---|---------------|---|---------------|
| a | $y = 1x + 4$ | b | $y = 1x + 1$ |
| c | $y = 5x - 2$ | d | $y = -1x - 2$ |
| e | $y = -1x - 1$ | f | $y = -4x - 2$ |

3 Select the equation that would result in the line on the graph as shown



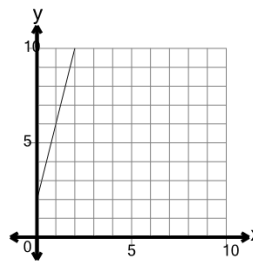
- | | | | |
|---|----------------|---|----------------|
| a | $y = -9x + 9$ | b | $y = -12x + 9$ |
| c | $y = -13x + 6$ | d | $y = -5x + 6$ |
| e | $y = -10x + 9$ | f | $y = 9x + 9$ |

4 Select the equation that would result in the line on the graph as shown



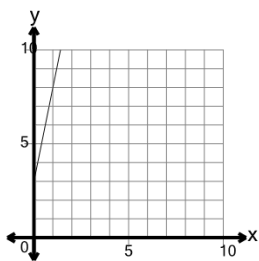
- | | | | |
|---|----------------|---|----------------|
| a | $y = -2x + 10$ | b | $y = -4x + 10$ |
| c | $y = -7x + 13$ | d | $y = -1x + 13$ |
| e | $y = -7x + 7$ | f | $y = -3x + 10$ |

5 Select the equation that would result in the line on the graph as shown



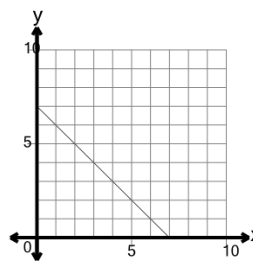
- | | | | |
|---|---------------|---|--------------|
| a | $y = 1x + 5$ | b | $y = 4x - 1$ |
| c | $y = 4x + 2$ | d | $y = 2x - 1$ |
| e | $y = -2x - 4$ | f | $y = 3x - 1$ |

6 Select the equation that would result in the line on the graph as shown



- | | | | |
|---|--------------|---|---------------|
| a | $y = 4x + 3$ | b | $y = -3x - 5$ |
| c | $y = 9x + 3$ | d | $y = 1x + 3$ |
| e | $y = 5x + 3$ | f | $y = 6x + 3$ |

7 Select the equation that would result in the line on the graph as shown



- | | | | |
|---|---------------|---|---------------|
| a | $y = 1x + 10$ | b | $y = -1x + 7$ |
| c | $y = -7x + 1$ | d | $y = -2x + 4$ |
| e | $y = 2x + 7$ | f | $y = -3x + 7$ |