

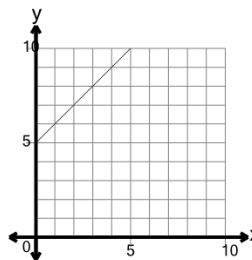


Math worksheet on 'Slope of a Line - Select Linear Equation Based on Graph (Level 1)'. Part of a broader unit on 'Line Equations and Graphing - Practice'

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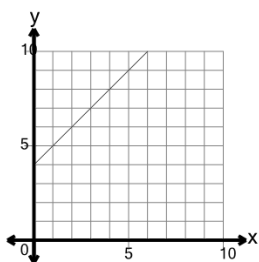
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1 Select the equation that would result in the line on the graph as shown



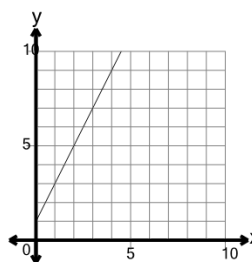
- |                           |                           |
|---------------------------|---------------------------|
| <b>a</b><br>$y = -2x + 5$ | <b>b</b><br>$y = -1x + 2$ |
| <b>c</b><br>$y = -3x + 5$ | <b>d</b><br>$y = 1x + 5$  |
| <b>e</b><br>$y = -4x + 5$ | <b>f</b><br>$y = -5x - 1$ |

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



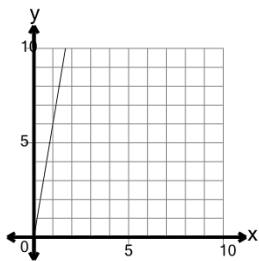
- |                           |                           |
|---------------------------|---------------------------|
| <b>a</b><br>$y = 1x + 4$  | <b>b</b><br>$y = 1$       |
| <b>c</b><br>$y = 5x + 7$  | <b>d</b><br>$y = -4x - 1$ |
| <b>e</b><br>$y = -3x + 1$ | <b>f</b><br>$y = 2x + 1$  |

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



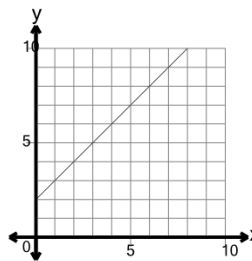
- |                           |                           |
|---------------------------|---------------------------|
| <b>a</b><br>$y = 6x + 4$  | <b>b</b><br>$y = -1x + 1$ |
| <b>c</b><br>$y = -2x + 1$ | <b>d</b><br>$y = 4x - 2$  |
| <b>e</b><br>$y = 2x + 1$  | <b>f</b><br>$y = 5x - 2$  |

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



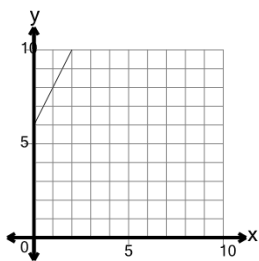
- |                          |                          |
|--------------------------|--------------------------|
| <b>a</b><br>$y = 7x$     | <b>b</b><br>$y = 8x$     |
| <b>c</b><br>$y = 2x - 3$ | <b>d</b><br>$y = 1x - 3$ |
| <b>e</b><br>$y = 10x$    | <b>f</b><br>$y = 6x$     |

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



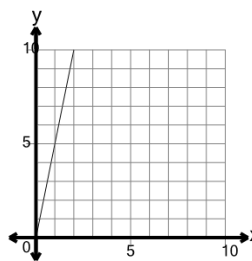
- |                           |                           |
|---------------------------|---------------------------|
| <b>a</b><br>$y = -1x - 1$ | <b>b</b><br>$y = 3x - 1$  |
| <b>c</b><br>$y = 1x + 2$  | <b>d</b><br>$y = -3x + 2$ |
| <b>e</b><br>$y = -4x + 2$ | <b>f</b><br>$y = 5x + 2$  |

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



- |                           |                           |
|---------------------------|---------------------------|
| <b>a</b><br>$y = -6x - 2$ | <b>b</b><br>$y = 3x + 6$  |
| <b>c</b><br>$y = 6x + 3$  | <b>d</b><br>$y = 2x + 6$  |
| <b>e</b><br>$y = -1x + 9$ | <b>f</b><br>$y = -2x + 6$ |

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



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