Math worksheet on *'Slope of a Line - Select Linear Equation Based on Graph (Level 3)'*. Part of a broader unit on *'Line Equations and Graphing - Practice'*

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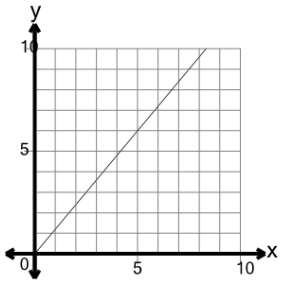
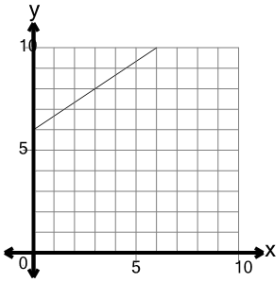
1



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

a	$y = -1.3x - 1.5$
b	$y = 3.2x$
c	$y = 1.2x$
d	$y = -1.199995577153788$
e	$y = 0.7x + 1.5$
f	$y = 2.2x - 1.5$

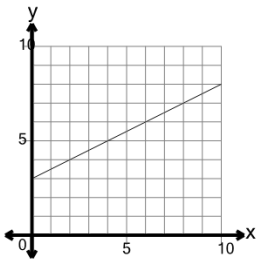
2



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

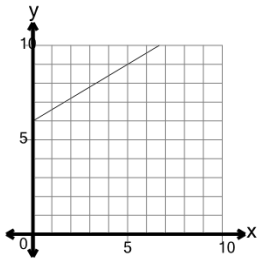
a	$y = -6x - 0.67$
b	$y = -1.83x + 6$
c	$y = 1.67x + 4.5$
d	$y = 0.17x + 7.5$
e	$y = 0.67x + 6$
f	$y = -0.33x + 4.5$

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



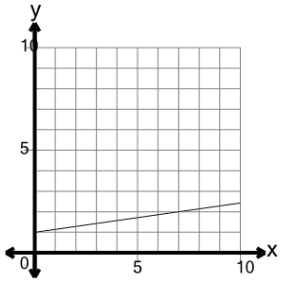
a $y = -0.5x + 4.5$	**b** $y = 0.5x + 4.5$
c $y = -3x - 0.5$	**d** $y = 3$
e $y = 0.5x + 3$	**f** $y = 2x + 4.5$

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



a $y = 0.6x + 6$	**b** $y = -1.4x + 4.5$
c $y = -0.6x + 6$	**d** $y = 1.1x + 7.5$
e $y = -6x - 0.6$	**f** $y = -0.9x + 7.5$

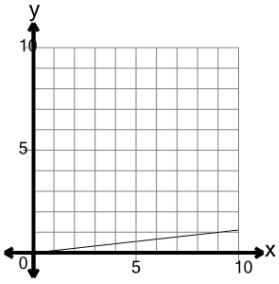
5



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

a	$y = -1x - 0.14$
b	$y = -0.14x + 1$
c	$y = 0.14x + 1$
d	$y = 2.14x + 1$
e	$y = -1.36x + 2.5$
f	$y = -0.86x + 1$

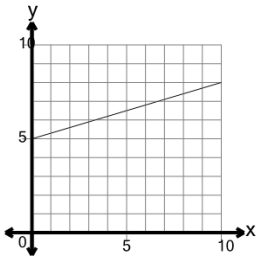
6



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

a	$y = -1.39x - 1.5$
b	$y = 0.11x$
c	$y = -0.11111059920572769$
d	$y = 2.11x$
e	$y = 1.61x$
f	$y = -1.89x - 1.5$

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



a $y = -1.2x + 5$	**b** $y = 1.3x + 3.5$
c $y = -5x - 0.3$	**d** $y = -2.2x + 3.5$
e $y = 1.8x + 5$	**f** $y = 0.3x + 5$