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

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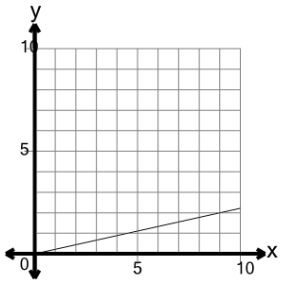
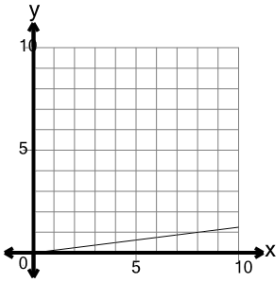
1



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

a	$y = 0.22x - 1.5$
b	$y = 2.22x + 1.5$
c	$y = 2.22x - 1.5$
d	$y = 0.22x$
e	$y = 0.22x + 1.5$
f	$y = -0.78x + 1.5$

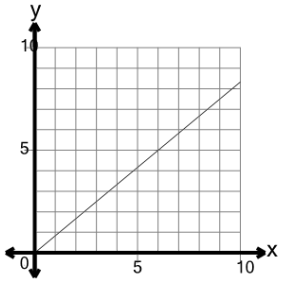
2



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

a	$y = -2.37x - 1.5$
b	$y = 2.13x - 1.5$
c	$y = 1.63x$
d	$y = -2.37x$
e	$y = 0.13x$
f	$y = -0.1250011517871129$

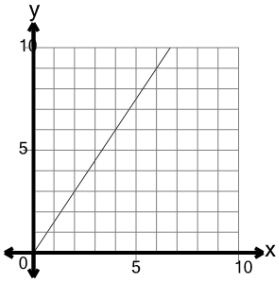
3



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

a	$y = 0.83x + 1.5$
b	$y = -0.67x - 1.5$
c	$y = -1.67x - 1.5$
d	$y = -1.17x + 1.5$
e	$y = 2.33x - 1.5$
f	$y = 0.83x$

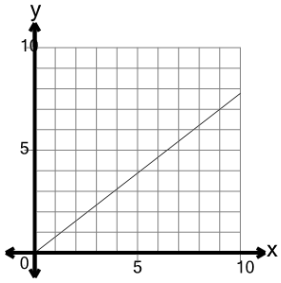
4



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

a	$y = -1.499996544646621$
b	$y = 0.5x$
c	$y = -0.5x - 1.5$
d	$y = -1x - 1.5$
e	$y = 3.5x - 1.5$
f	$y = 1.5x$

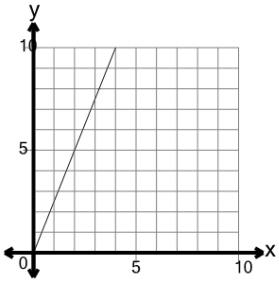
5



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

a	$y = -1.22x + 1.5$
b	$y = -0.72x$
c	$y = 2.28x + 1.5$
d	$y = 0.78x$
e	$y = -0.7777788015885447$
f	$y = -1.22x - 1.5$

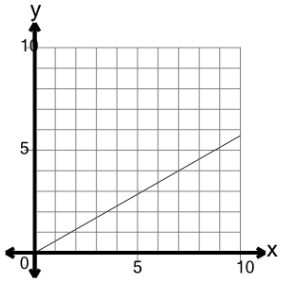
6



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

a	$y = 2x - 1.5$
b	$y = 2.5x$
c	$y = 2x + 1.5$
d	$y = -2.4999884821819354$
e	$y = 4.5x$
f	$y = 3x$

7



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

a	$y = 1.57x + 1.5$
b	$y = -1.43x + 1.5$
c	$y = 0.57x + 1.5$
d	$y = 2.07x + 1.5$
e	$y = 0.57x$
f	$y = -0.571429229592636$