

Name _____

Class Period _____

Linear Equations Practice Worksheet 10Record the **slope** and **y-intercept** of each equation.

1) $y = 2x - 2$

slope = _____

y-intercept = _____

2) $y = \frac{8}{3}x - 5$

slope = _____

y-intercept = _____

3) $y = 3x + 2$

slope = _____

y-intercept = _____

4) $y = -3x - 15$

slope = _____

y-intercept = _____

5) $y = 2x - 4$

slope = _____

y-intercept = _____

6) $y = \frac{1}{2}x - 1$

slope = _____

y-intercept = _____

7) $y = \frac{1}{2}x + 4$

slope = _____

y-intercept = _____

8) $y = -\frac{7}{6}x + 10$

slope = _____

y-intercept = _____

For 1-3, write an equation in the form of $y = mx + b$ with the given slope and y-intercept.

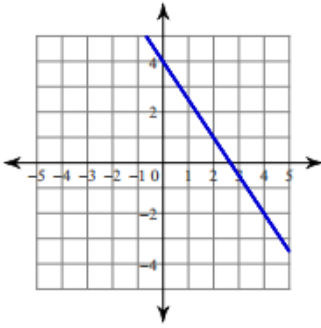
1. $m = 4, b = -4$

2. $m = \frac{4}{3}, b = 6$

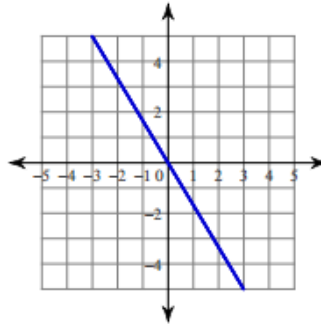
3. $m = 8, b = 0$

Write a linear equation in $y = mx + b$ form for each of the graphs below.

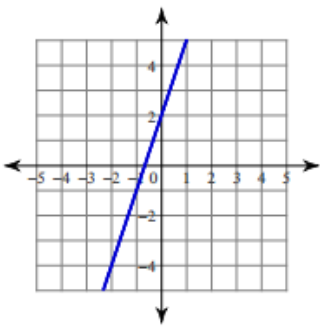
1)



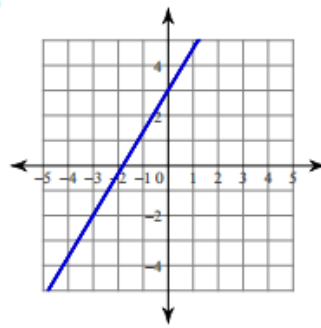
2)



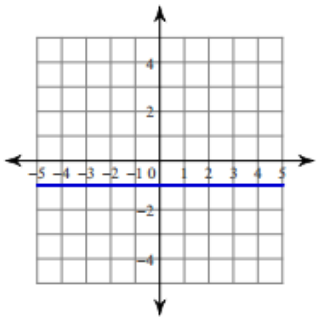
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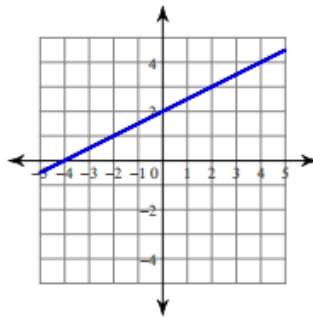
4)



5)



6)



Write a linear equation in $y = mx + b$ form for the following tables.

1)

x	0	1	2	3	4
y	6	4	2	0	-2

2)

x	-6	-4	-2	0	2
y	-10	-5	0	5	10
