

NAME _____

Date _____ Period _____

Section 4.3

ALGEBRA

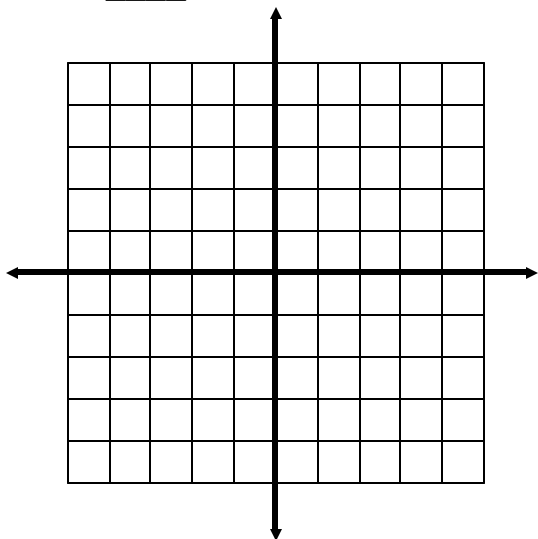
Graphing from Slope-Intercept Form: Practice A

Directions: In each equation below, write the slope(m) and y-intercept(b), then graph it!

1: $y = 1x + 2$

m = _____

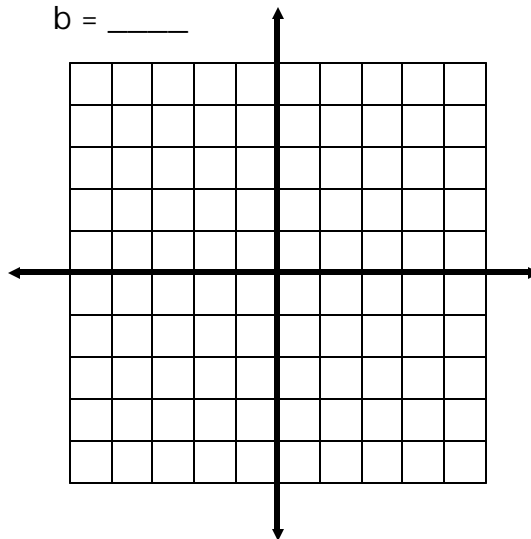
b = _____



2: $y = \frac{1}{3}x + 3$

m = _____

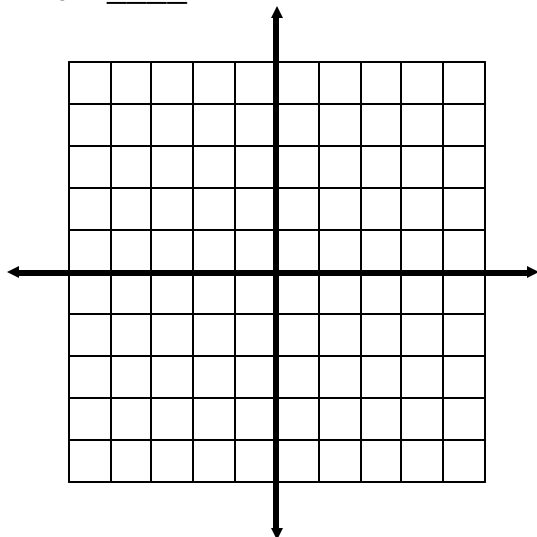
b = _____



3: $y = \frac{3}{2}x - 4$

m = _____

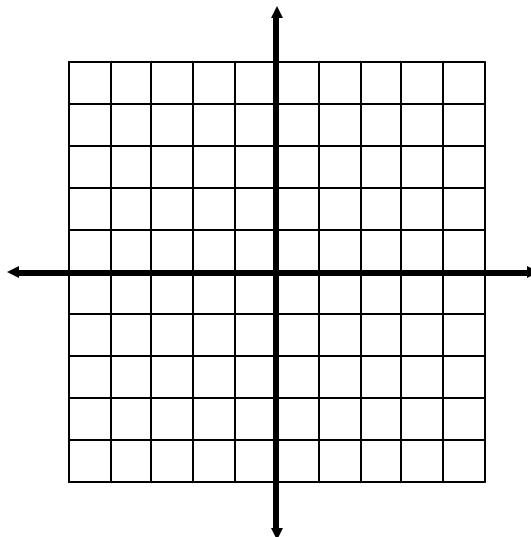
b = _____



4: $y = -2x + 1$

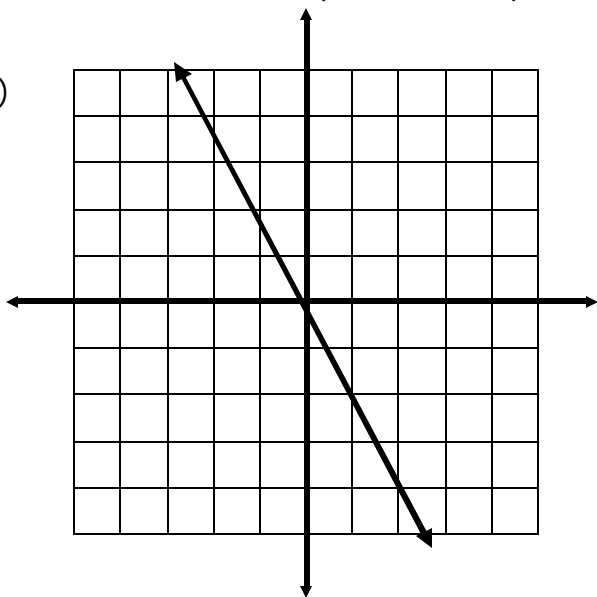
m = _____

b = _____



In #'s 5 and 6 below, pick which equation matches the graph.

5)



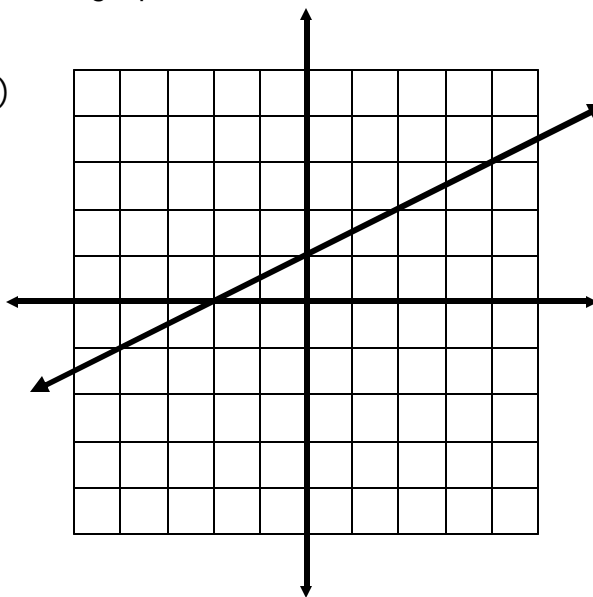
A) $y = -2x$

B) $y = -3x$

C) $y = -3x + 1$

D) $y = -2x + 1$

6)



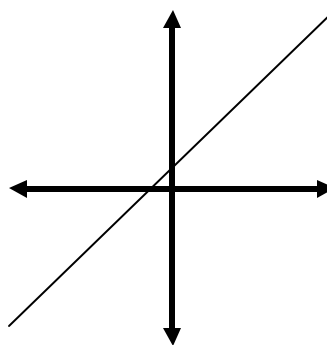
E) $y = \frac{1}{3}x + 1$

F) $y = \frac{1}{3}x - 1$

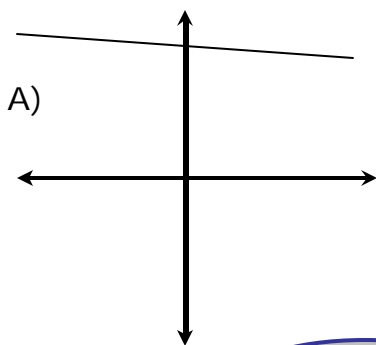
G) $y = \frac{1}{2}x + 1$

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

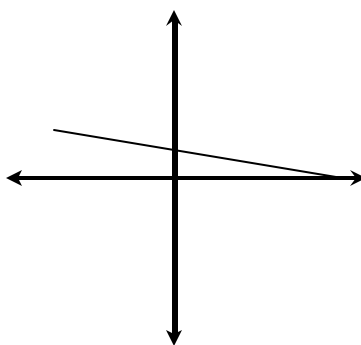
7) In the graph below, the line $y = 1x + 1$ is shown. Draw what you think the line $y = 1x + 5$ would look like on that graph? Draw it in...



8) Which of the graphs below has the biggest number for the line's y-intercept?



B)



C)

