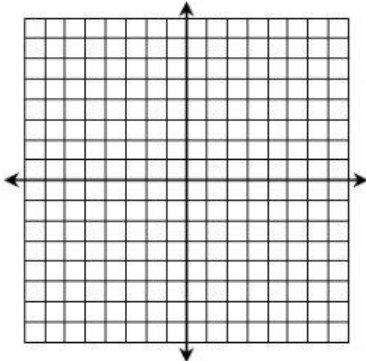
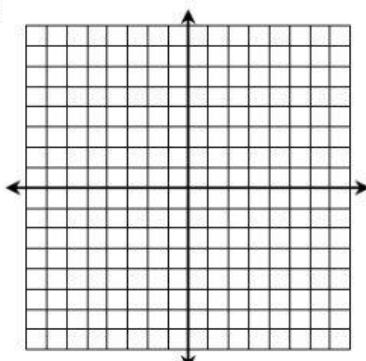
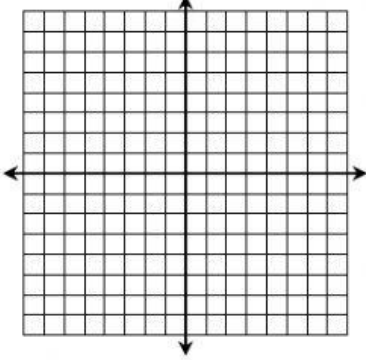
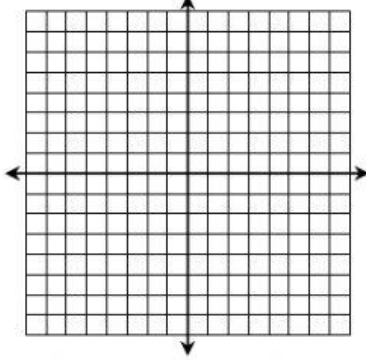
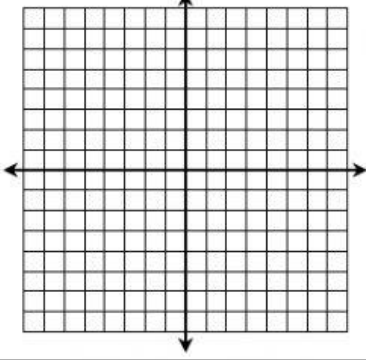
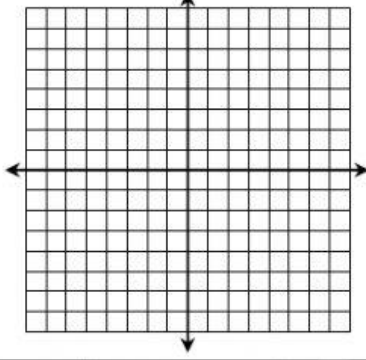


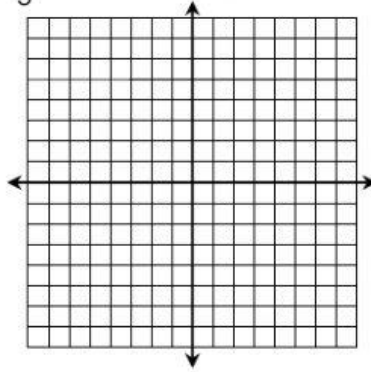
Name:	Date:
Topic:	Class:

Main Ideas/Questions	Notes/Examples	
GRAPHING LINEAR FUNCTIONS (By Slope-Intercept)	Use the steps below to graph an equation using slope-intercept form:	
	1	Graph the y-intercept . This is always point $(0, b)$.
	2	Use the slope of the line to create more points. Remember slope is rise/run!
	3	Use a ruler to draw a line that extends through the points, placing an arrow on both ends.
EXAMPLES Graph each line using its slope and y-intercept!	1. $y = \frac{2}{3}x + 1$	2. $y = \frac{3}{4}x - 2$
	m=	m=
	b=	b=
		
	3. $y = 2x - 7$	4. $y = -3x + 5$
	m=	m=
	b=	b=
		
	5. $y = \frac{7}{4}x - 1$	6. $y = x + 6$
	m=	m=
	b=	b=
		

7. $y = -\frac{1}{5}x - 2$

m=

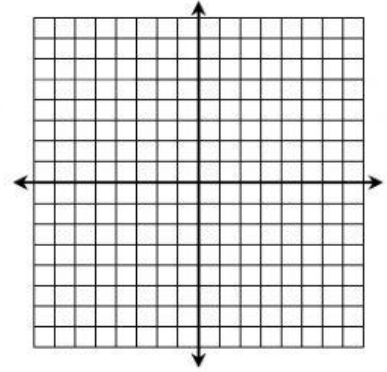
b=



8. $y = 4x$

m=

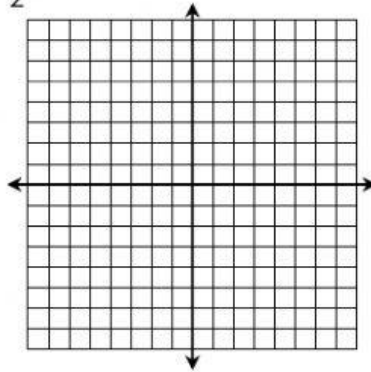
b=



9. $y = -\frac{1}{2}x + 6$

m=

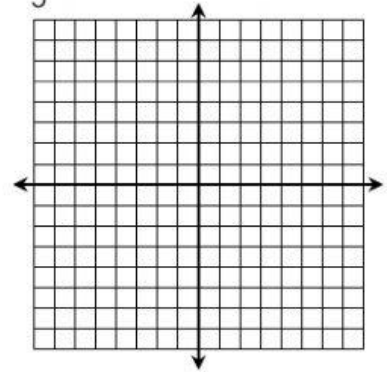
b=



10. $y = -\frac{2}{5}x - 3$

m=

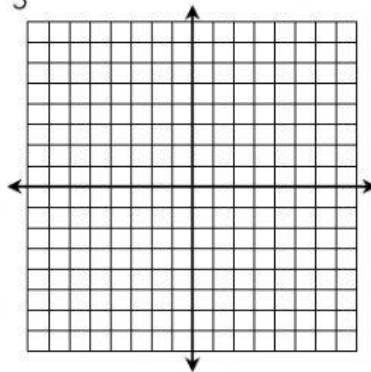
b=



11. $y = \frac{6}{5}x - 2$

m=

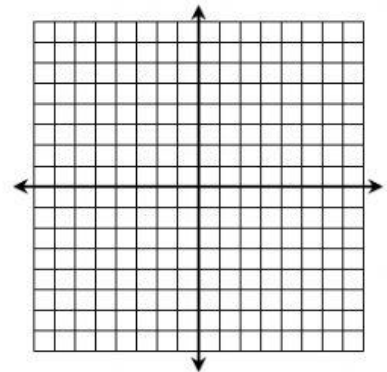
b=



12. $y = -x + 4$

m=

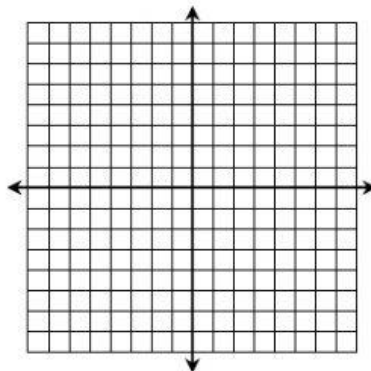
b=



13. $y = -2x - 3$

m=

b=



14. $y = \frac{1}{3}x + 1$

m=

b=

