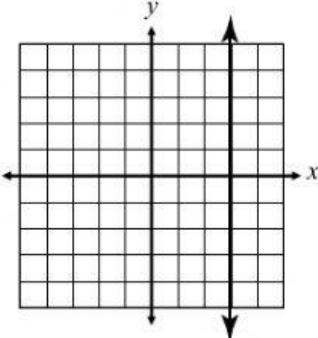
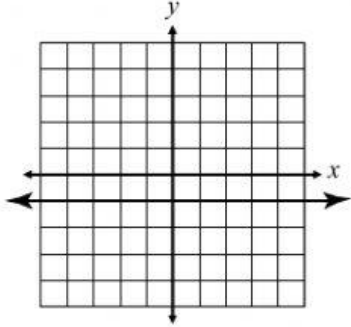
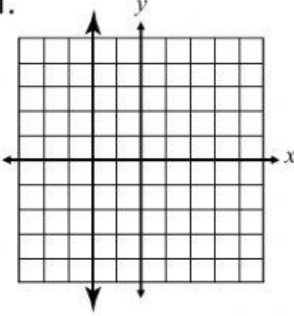
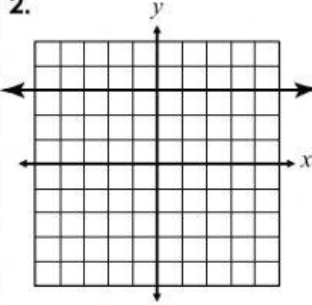
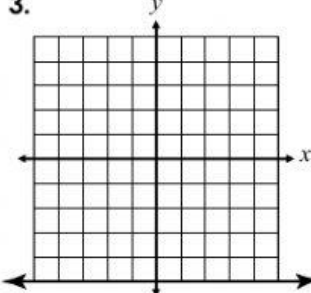
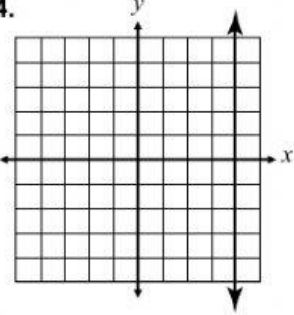
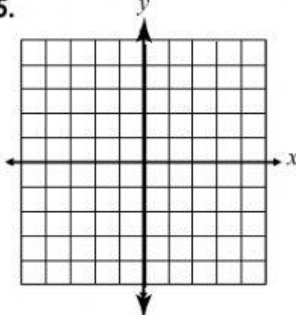
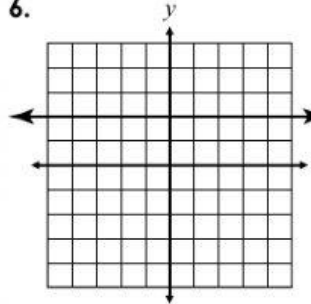
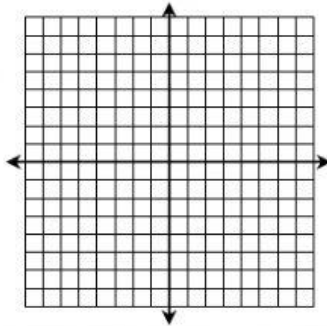


Name:	Date:
Topic:	Class:

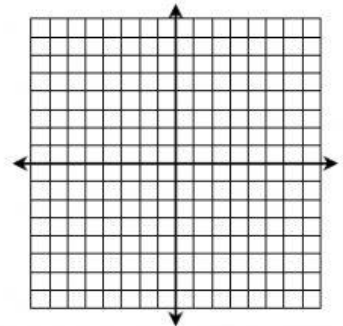
Main Ideas/Questions	Notes/Examples		
<h2 style="margin: 0;">Vertical & Horizontal Lines</h2>	Vertical Lines <p>A vertical line is written in the form $x = a$, where a represents the line's x-intercept.</p>  <p>The equation of the vertical line graphed above is _____</p>	Horizontal Lines <p>A horizontal line is written in the form $y = a$, where a represents the line's y-intercept.</p>  <p>The equation of the horizontal line graphed above is _____</p>	
	<p>**Remember, if the line intersects the x-axis, it's $x = a$, if a line intersects the y-axis, it's $y = a$.**</p>		
	<p>Directions: Write the equation of the line shown on the graph.</p>		
<h2 style="margin: 0;">examples</h2>	1. 	2. 	3. 
	4. 	5. 	6. 

Directions: Graph each equation.

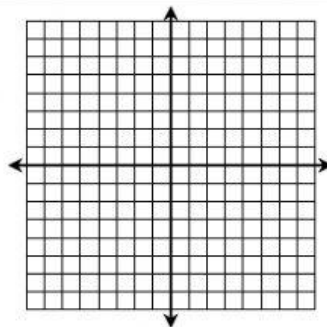
7. $y = 5$



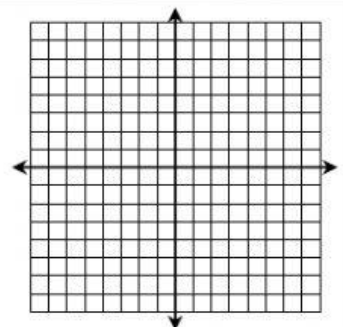
8. $x = -1$



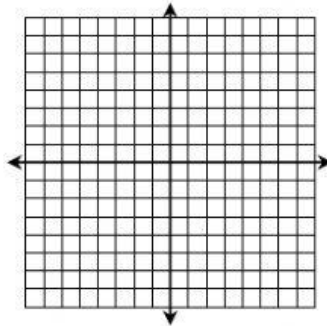
9. $x = 3$



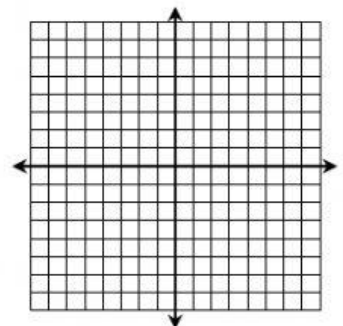
10. $y = -2$



11. $y = 4$



12. $x = -7$



QUESTIONS

13. What is the slope of the line $y = 4$?

14. What is the slope of the line $x = -2$?

15. What is the slope of the line $x = 0$?

16. Which axis is $y = -1$ parallel to?

17. Which axis is $x = 4$ parallel to?

18. How does the graph of $y = 3$ differ from $y = 3x$? Graph both and explain.

