

Name _____ Date _____ Period _____

Graph Using Slope

Write each equation in slope-intercept form.

1. $2x + 5y = 10$

2. $3x - 2y = 24$

3. $2x + 7y = 14$

4. $3x - 5y = 20$

5. $x - 2y = 4$

6. $3x - 2y = 9$

7. $4x - y = 5$

8. $x = \frac{2}{3}y - 1$

Given the slope, describe the pattern of how to find points to the left and right from the y-intercept.

Slope is defined as “the change in the y coordinate divided by the corresponding change in the x coordinate, between two distinct points on the line.”

9. $m = \frac{2}{3}$

10. $m = -\frac{4}{5}$

11. $m = 6$

12. $m = -\frac{7}{3}$

Graph the following by using the slope and y-intercept

13. $y = \frac{3}{4}x - 1$

14. $y = -\frac{4}{5}x + 4$

15. $y = 3x - 5$

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

17. $y = 2x$

18. $y = -x + 3$

19. $y = -\frac{1}{2}x + 4$

20. $y = -\frac{4}{3}x + 4$

21. $y = x - 5$

Work Space

Name, date, and period required to receive credit!

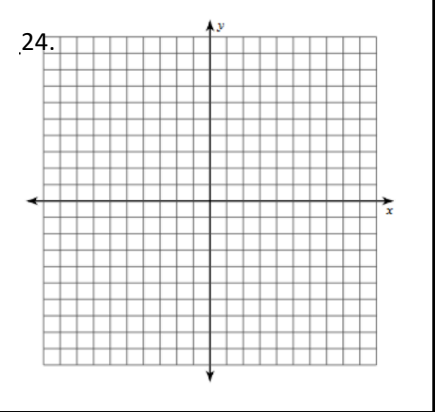
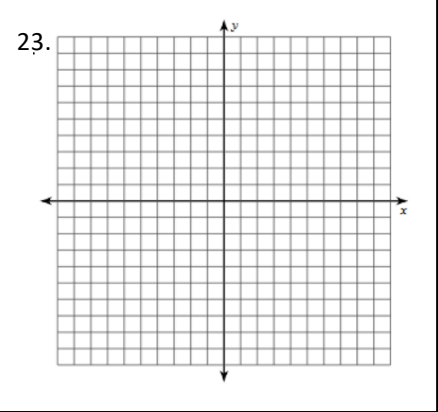
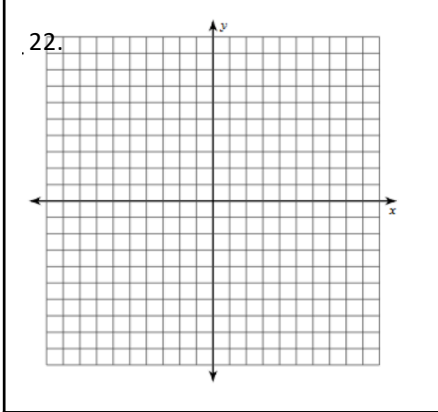
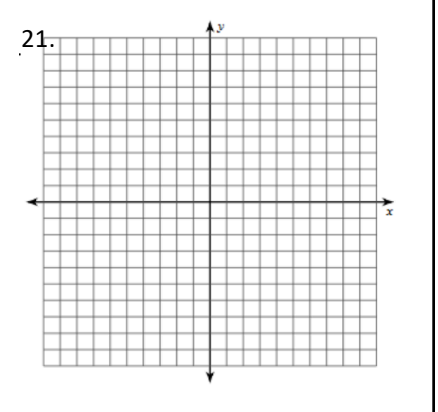
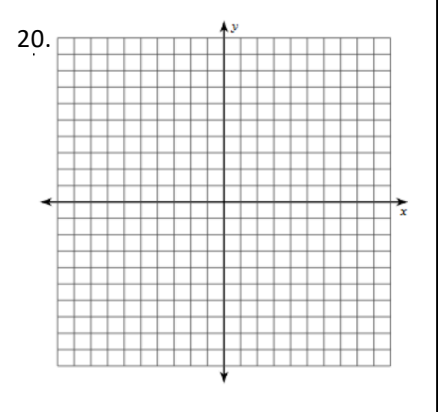
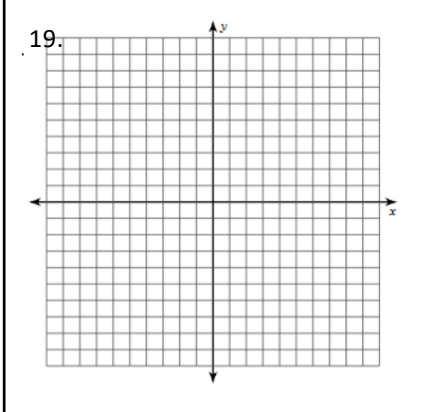
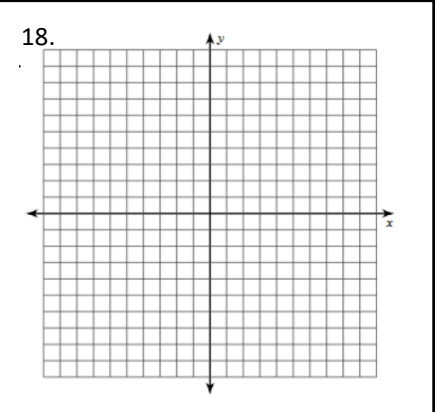
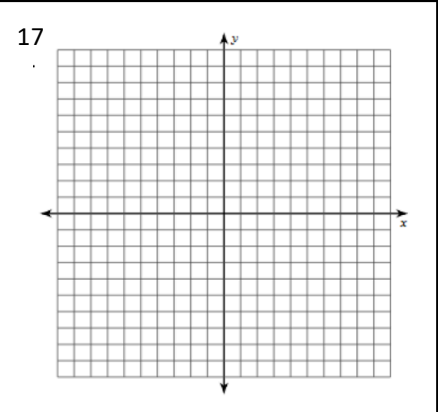
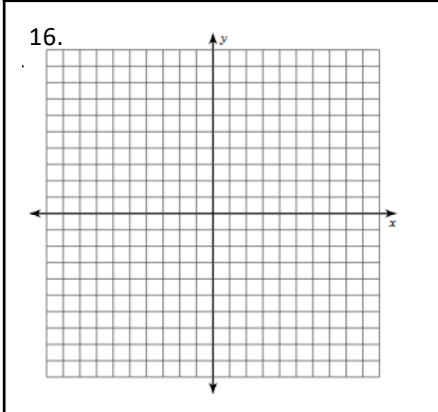
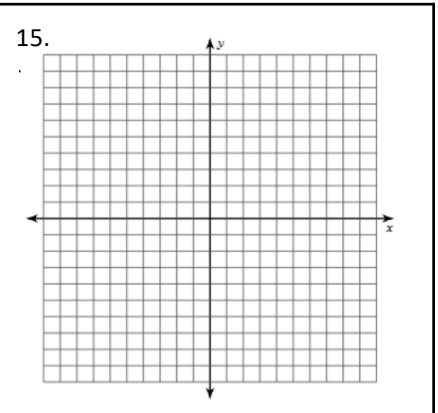
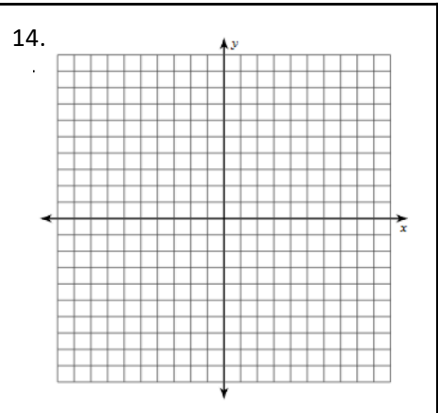
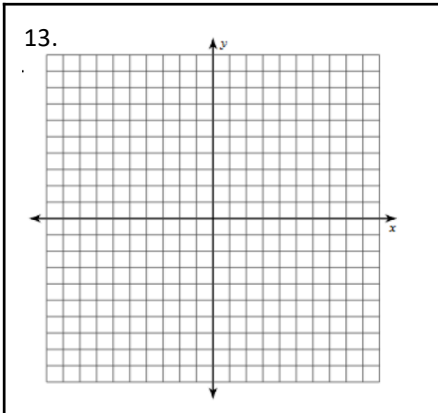
Name _____ Date _____ Period _____

Graph Using Slope

1.	2.	3.
4.	5.	6.
7.	8.	9.
10.	11.	12.

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Work Space
