

- Module 3 Skillz - Part 1 -

Name: _____

Goals:

- Find slope from 2 points
- Find slope from a graph
- Identify slope and intercept from an equation
- Identify the equation of a line from a graph
- Graph an equation in slope-intercept form

Show all your work to receive credit!

1. Find the slope: (2, 5) (-1, 1) _____

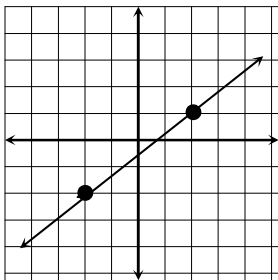
2. Find the slope: (12, -3) (-10, 1) _____

3. Find the slope: (-1, 3) (-6, 8) _____

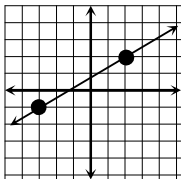
4. Find the slope: (20, 5) (-1, 5) _____

5. Find the slope: (2, 5) (2, 111) _____

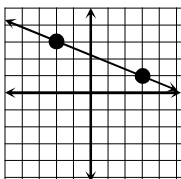
6. Use the graph to find the slope:



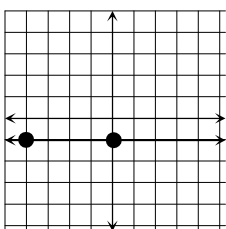
7. Use the graph to find the slope:



8. Use the graph to find the slope:



9. Use the graph to find the slope:



Identify the slope and intercept from the equations:

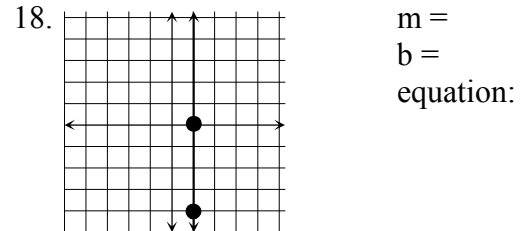
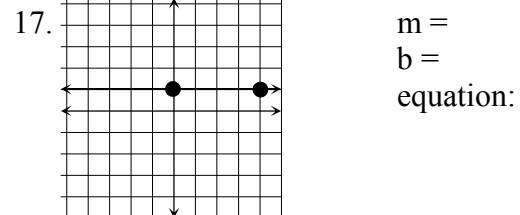
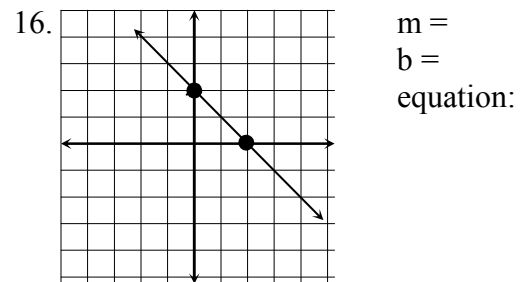
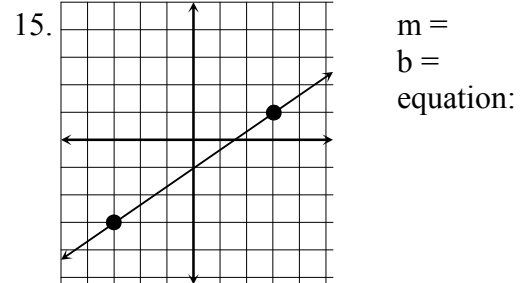
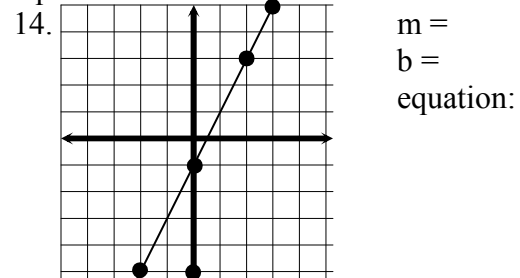
10. $y = 7x - 5$ $m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$

11. $y = \frac{1}{2}x + 3$ $m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$

12. $y = 4x$ $m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$

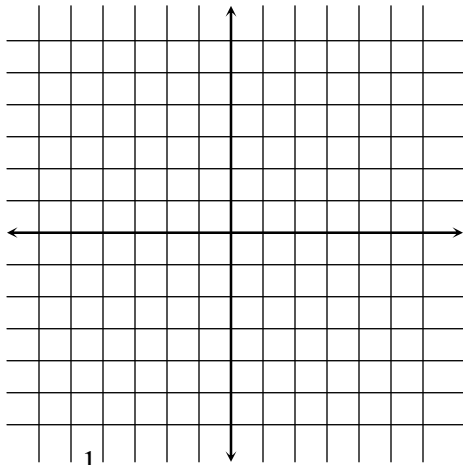
13. $y = -2$ $m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$

Identify the slope and y-intercept, then write the equation of the line:

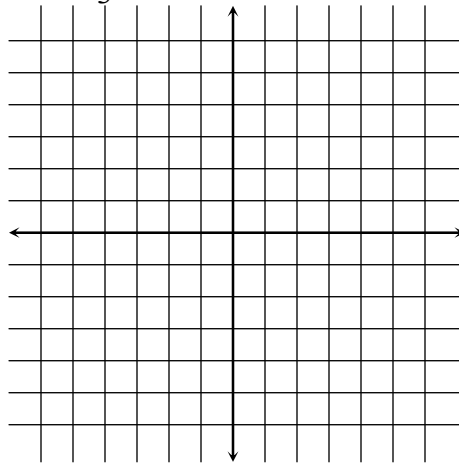


Graph each equation. Label axes and provide appropriate scales.

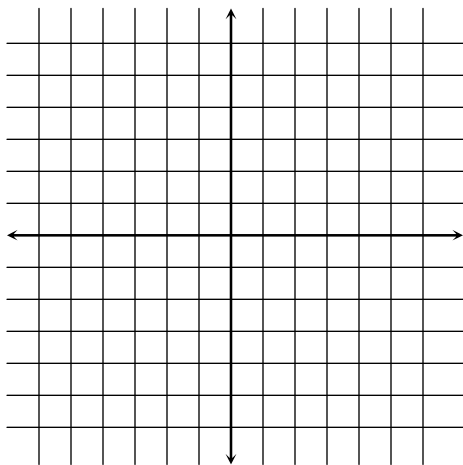
19. $y = 4x - 2$



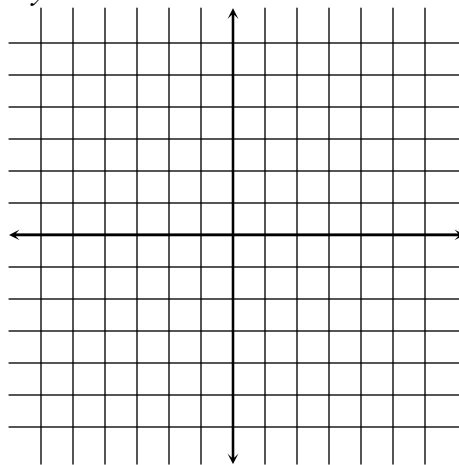
23. $y = \frac{-4}{3}x + 6$



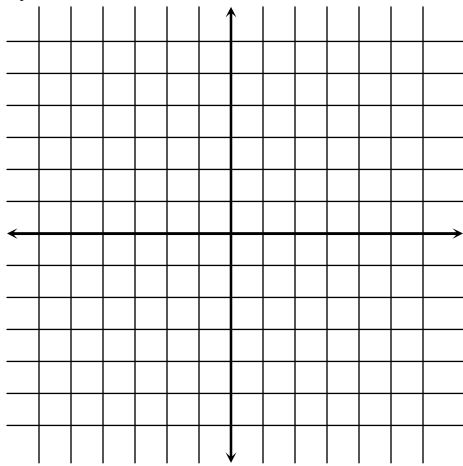
20. $y = \frac{1}{3}x + 4$



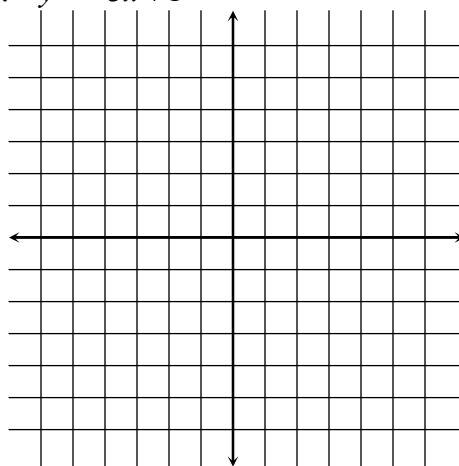
24. $y = -2x$



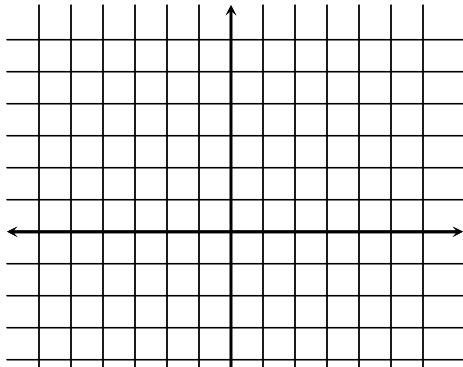
21. $y = x - 4$



25. $y = -3x + 1$



22. $y = 2x + 1$



26. $y = 4$

