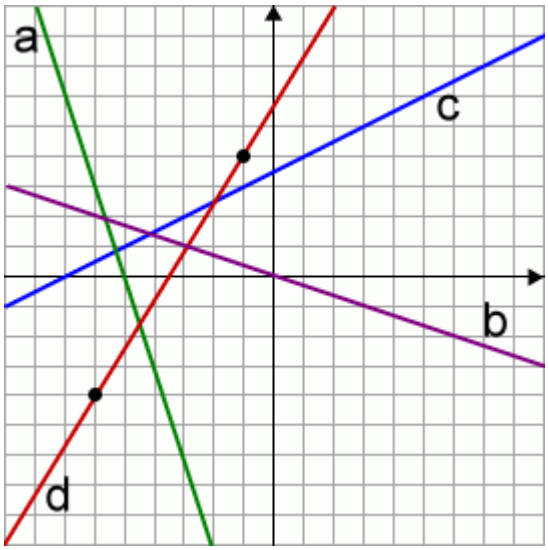
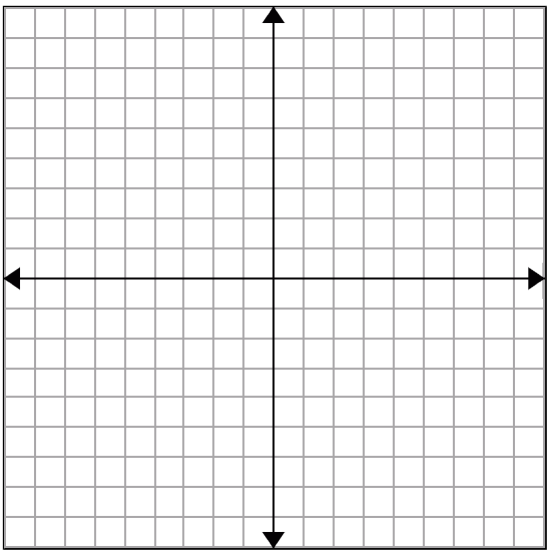
Name: Date:

Slope

1. Find the slope of these lines. For line d), two points are pointed out to help you.



2. **a.** Draw two lines with slope 2.
b. Draw two lines with slope −3/4.



3. The line *m* goes through points (2, −1) and (5, −4). What is its slope? Is it parallel to the line $x + y = 5$?

4. Find the slope of these lines.

a. $y = -4x + 1$ **b.** $x + 3y = 12$ **c.** $\frac{1}{5}y = x + 3$

5. Pick the two lines that are parallel and graph them.

a. $2x - y = 2$ **b.** $y = 2x + 4$ **c.** $2x + y = 5$

6. Graph the line with slope −1/4 that goes through the point (−2, 4).

7. Plot the line that goes through the point (1, −3) and is parallel to the line $y - 2x = 5$.