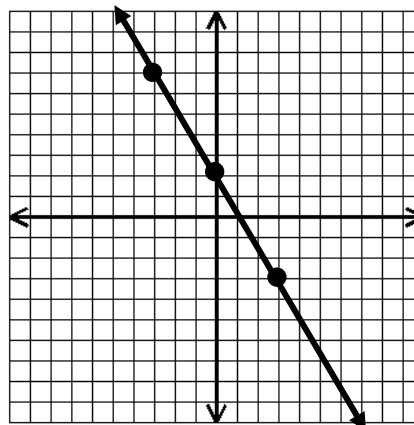NAME_____DATE_____PER._____

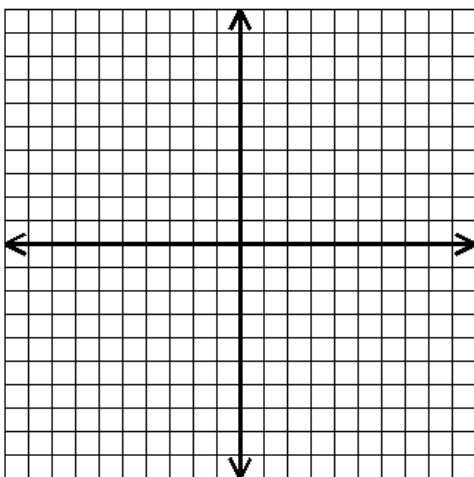## Retest Review: Graphing Linear Functions

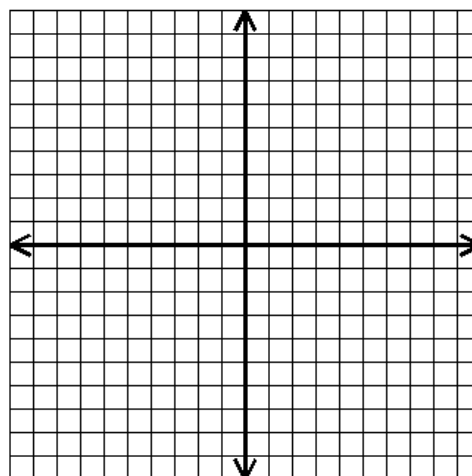1. What is the rate of change of the line shown?

    _____

2. Find the slope of the line through the points (9, 8) and (3, -2).

    _____

Graph each line using the information given.

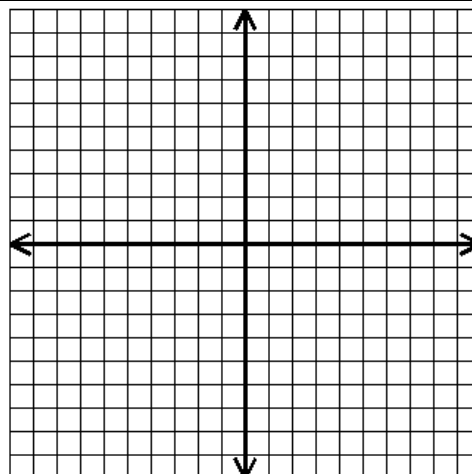3. $y = \dfrac{3}{4}x - 5$ m = _____ b = _____

4. $y = -3x + 1$ m = _____ b = _____
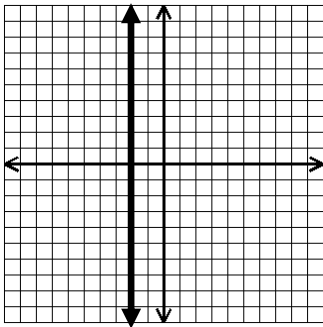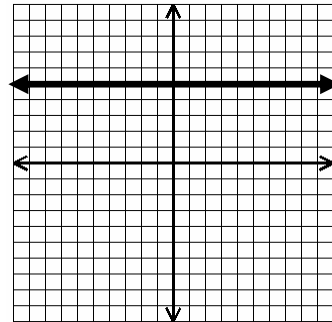
5. P(2, -6); m = $-\dfrac{1}{3}$

6. What is the slope of the graph shown?

   m = _____

7. What is the slope of the graph shown?

   m = _____

8. What is the rate of change for the table shown?

   _____

x	y
2	8
4	16
5	20

9. If (7, 5) and (3, x) are two points on the graph of a with a slope of -2, what is the value of x?

10. What are the slope and y-intercept of the line described by the graph?

   m = _____

   b = _____