

Review (Study Guide)

IT'S ALL ABOUT SLOPE.....

1. What is the formula for slope?

$m =$ _____

2. What is the Slope-Intercept Form formula?

$y =$ _____

3. What does m stand for? m represents _____

a) List other names of slope: _____

4. What does b stand for? b represents _____

5. List the names of these slopes:



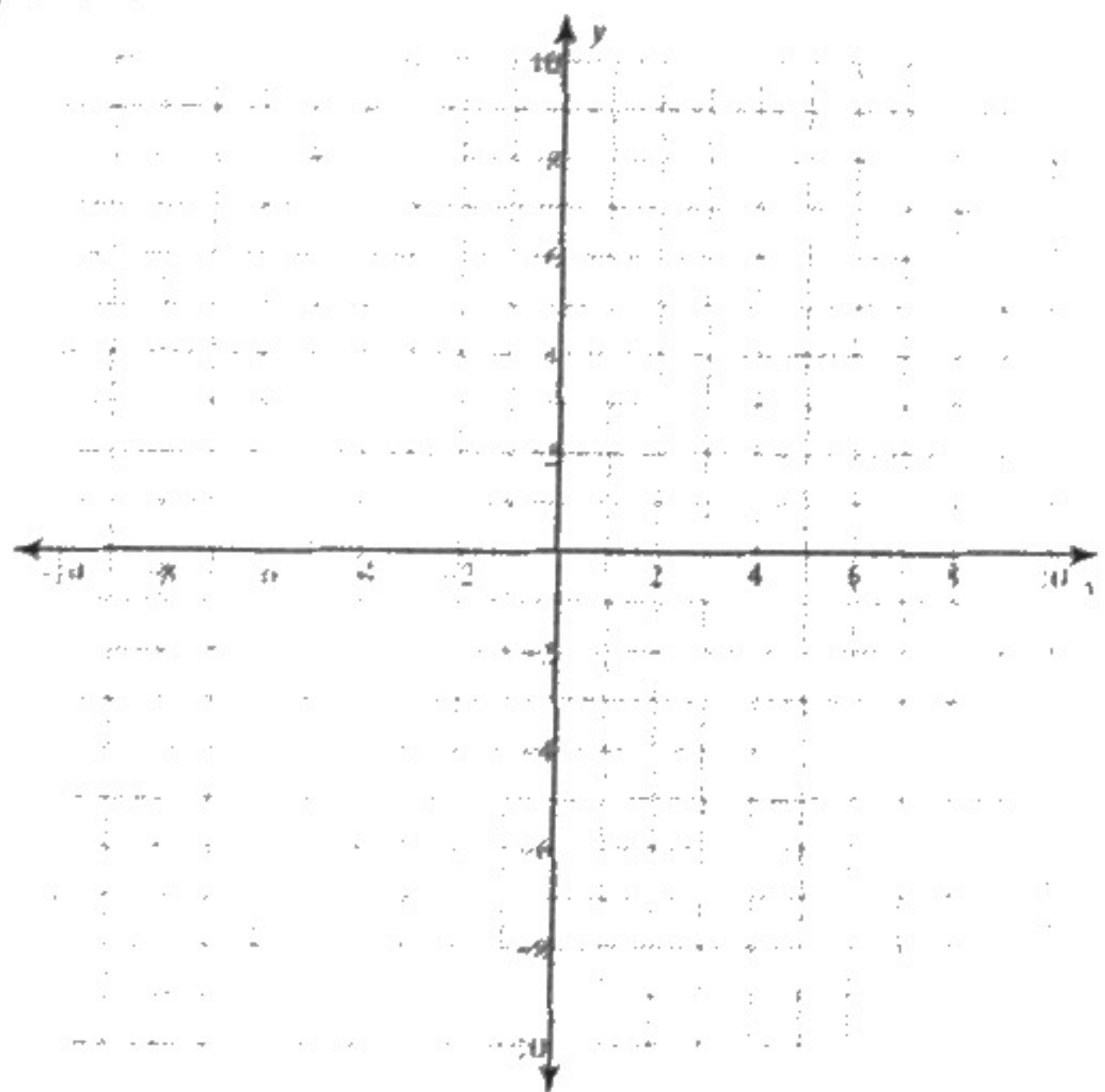






State the quadrant or axis that each point lies in.

6) (3, 6)



- A) III
- B) y-axis
- C) I
- D) II

Determine the rate

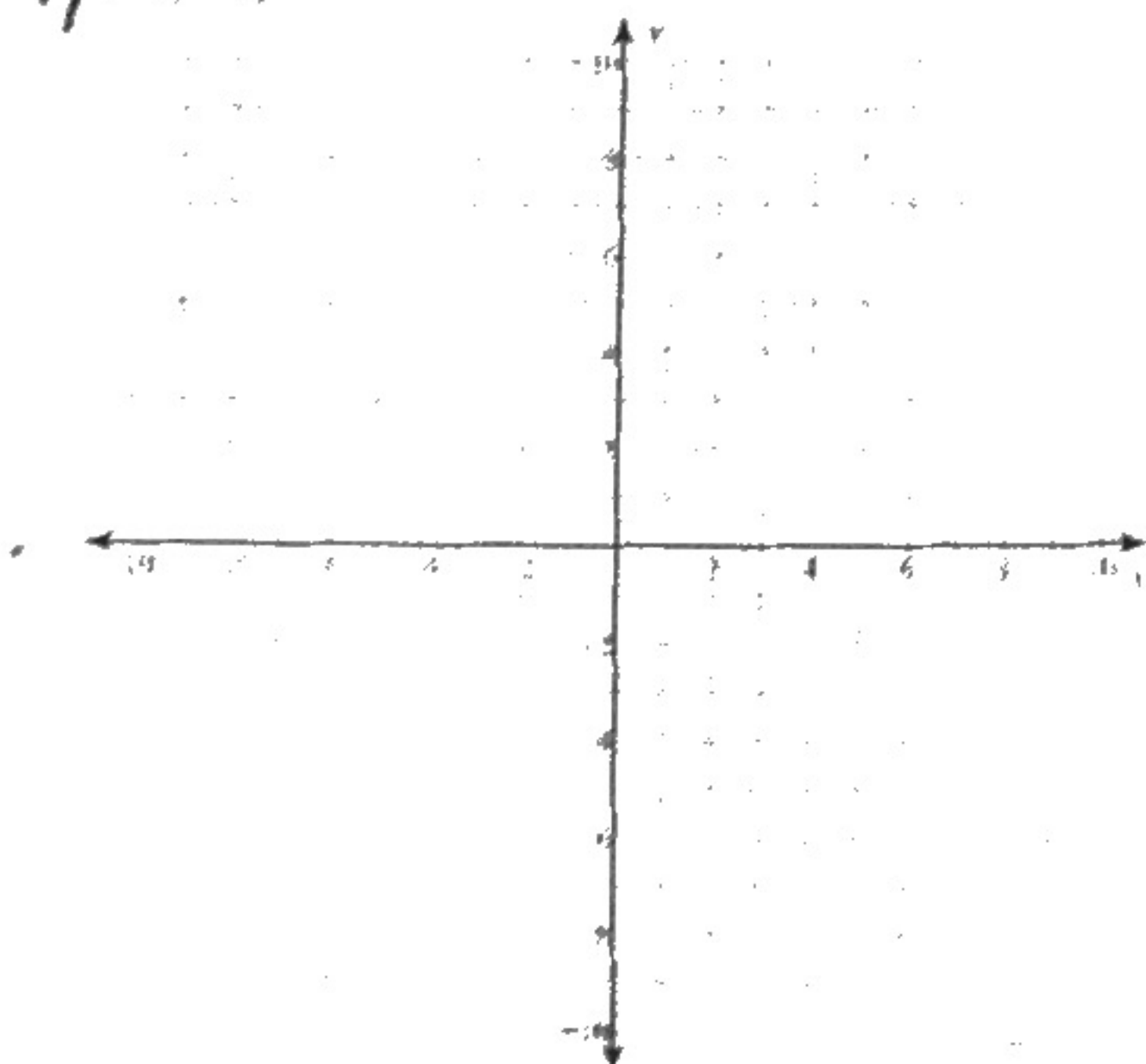
8) A 9-kg bag of mangoes for \$12
_____ per kg

9) 725 miles in 8 hours
_____ miles per hour

10) Type 1500 words in 30 minutes
_____ words per minute

11) 5000 jumps for 7 hours
_____ per hour

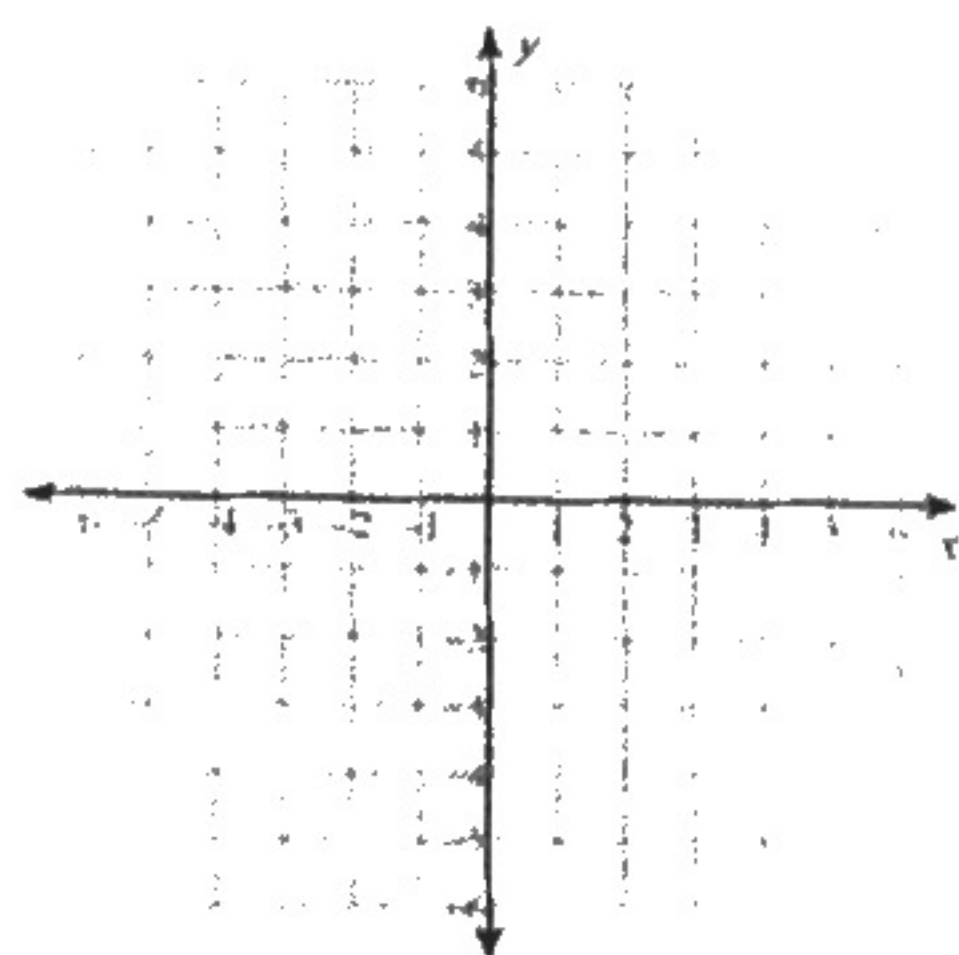
7) (-7, -1)



- A) y-axis
- B) x-axis
- C) III
- D) II

Sketch the graph of each line.

12) $y = \frac{1}{4}x - 1$



13) $y = -x + 2$

