

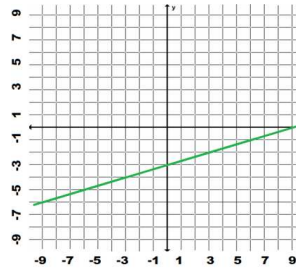
MasterMath

Name _____

Date _____

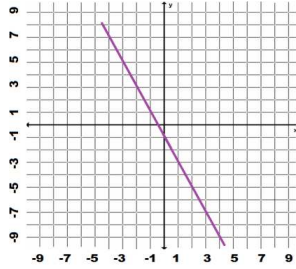
Slope and Rate of Change

1. What is the slope of this line?



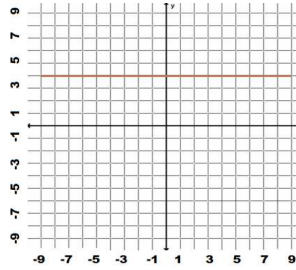
$\frac{1}{3}$

2. What is the slope of this line?



-2

3. What is the slope of this line?



0

4. A line passes through points (-2, 6) and (4, 12). What is the slope?

$$\frac{12-6}{4-(-2)}$$

1

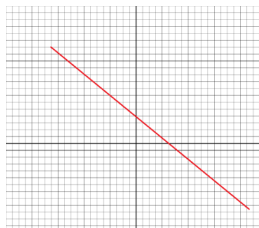
5. A line passes through points (2, -8) and (6, -2). What is the slope?

$$\frac{-8-(-2)}{2-6}$$

-1.5

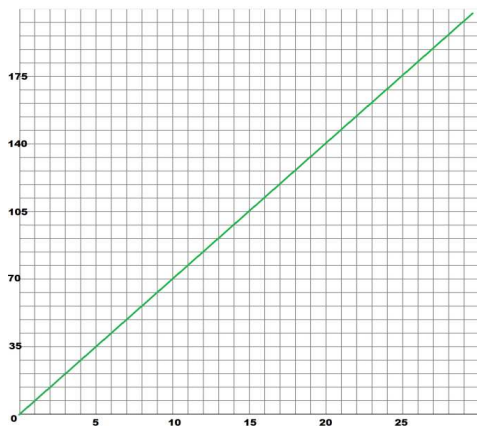
$$2-6$$

6. Does this line have a negative or a positive slope?



negative

7. My job at the movie theater pays me by the hour. This graph shows hours worked along the x axis and dollars earned along the y axis. What is my hourly wage?



\$7 per hour