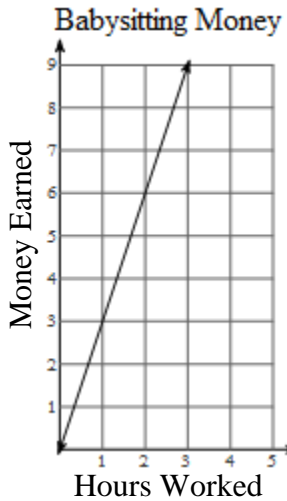


5-Slope/Rate of Change on a Graph

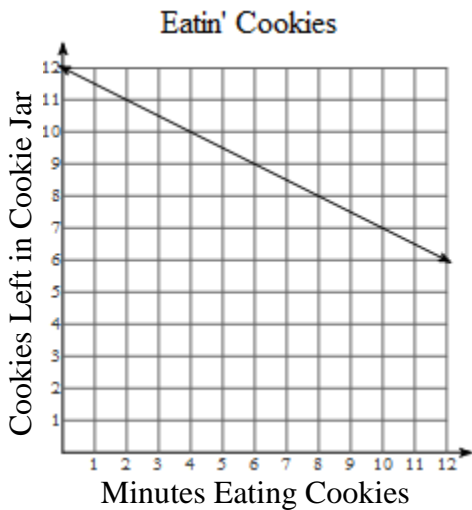
Find the slope, or rate of change, from each graph and write it as a ratio of change in  $y$  divided by change in  $x$ . Simplify.



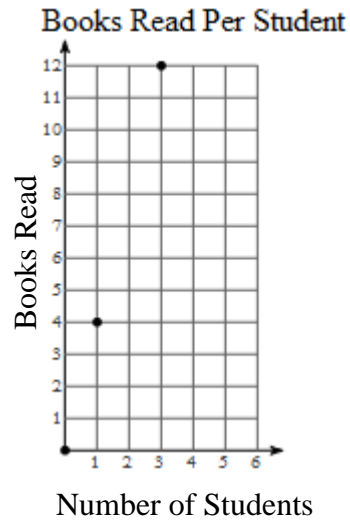
1.  $\frac{\text{Change in } y}{\text{Change in } x} = \underline{\hspace{2cm}}$

2. Simplified Slope = \$ \_\_\_\_\_ per hour

5.



Slope = \_\_\_\_\_ cookies/min.



3.  $\frac{\text{Change in } y}{\text{Change in } x} = \underline{\hspace{2cm}}$

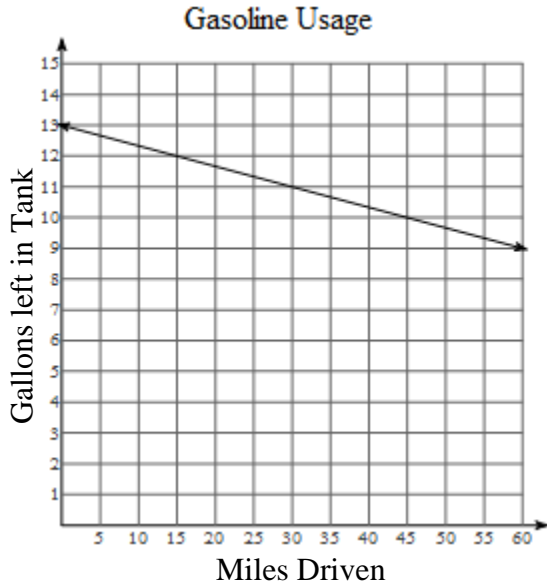
4. Simplified Slope = \_\_\_\_\_ books/student

6.



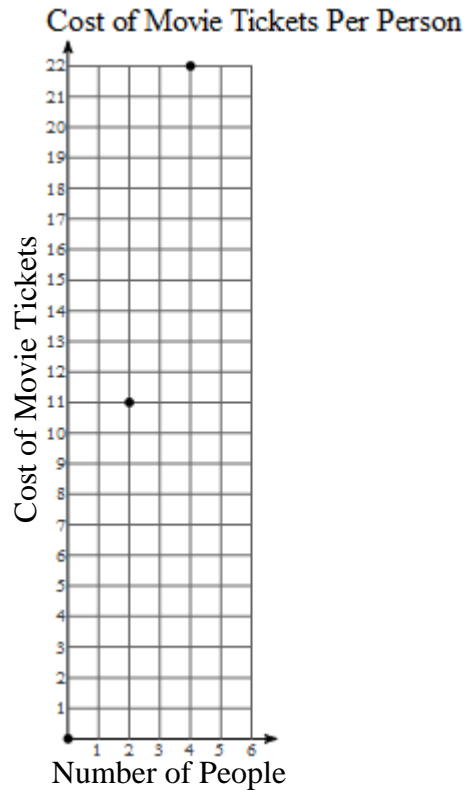
Slope = \_\_\_\_\_ miles per hour

7.



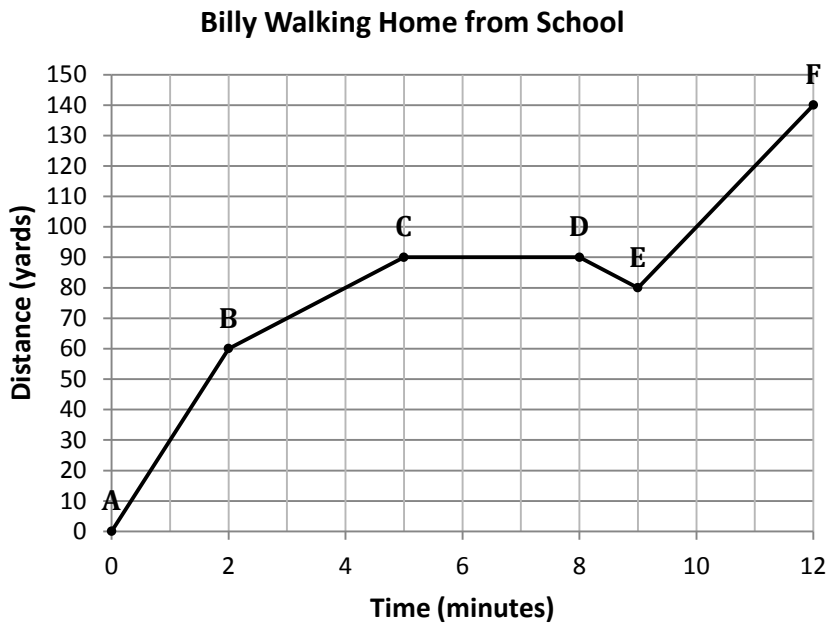
Slope = \_\_\_\_\_ gas/mile

8.



Slope = \$\_\_\_\_\_ a ticket/person.

Find the slope between the two given points.



9. A to B Slope = \_\_\_\_\_

10. B to C Slope = \_\_\_\_\_

11. C to D Slope = \_\_\_\_\_

12. D to E Slope = \_\_\_\_\_

13. E to F Slope = \_\_\_\_\_