

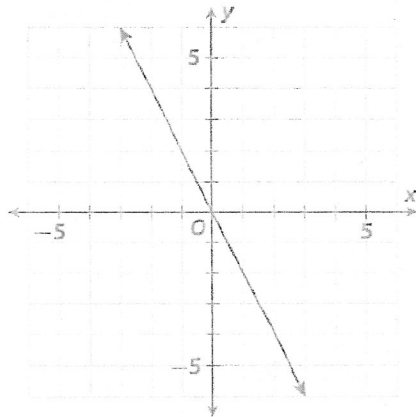
LESSON
3-2

Rate of Change and Slope

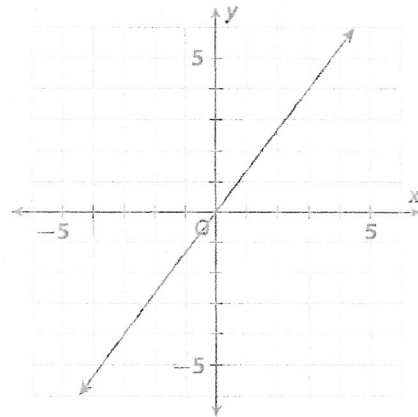
Practice and Problem Solving: A/B

Find the slope of each line.

1. slope = _____



2. slope = _____

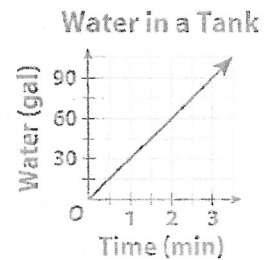


Solve.

3. Jasmine bought 7 yards of fabric. The total cost was \$45.43. What was the average cost per yard of the fabric she bought?

4. A train traveled 325 miles in 5 hours. What was the train's average rate of speed in miles per hour?

5. The graph at the right shows the amount of water in a tank that is being filled. What is the average rate of change in gallons per minute?



6. Suppose the size of the tank in question 5 is doubled. Will the average rate of change in gallons per minute change? Explain your answer.

7. A line passes through (1, 1), (-2, 4), and (6, n). Find the value of n .
