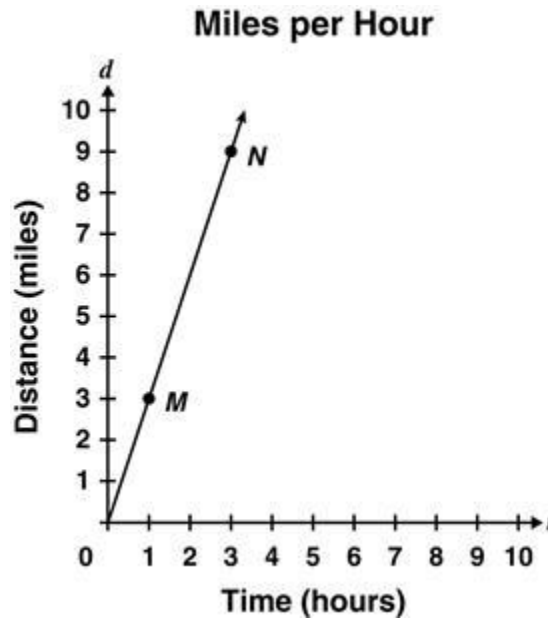


Name: _____ Class: _____

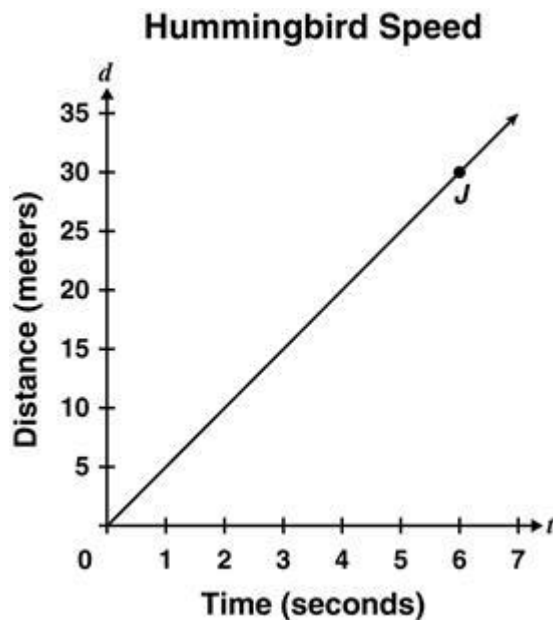
1. Point *M* represents 3 miles per hour in the graph shown.



What does Point *N* represent?

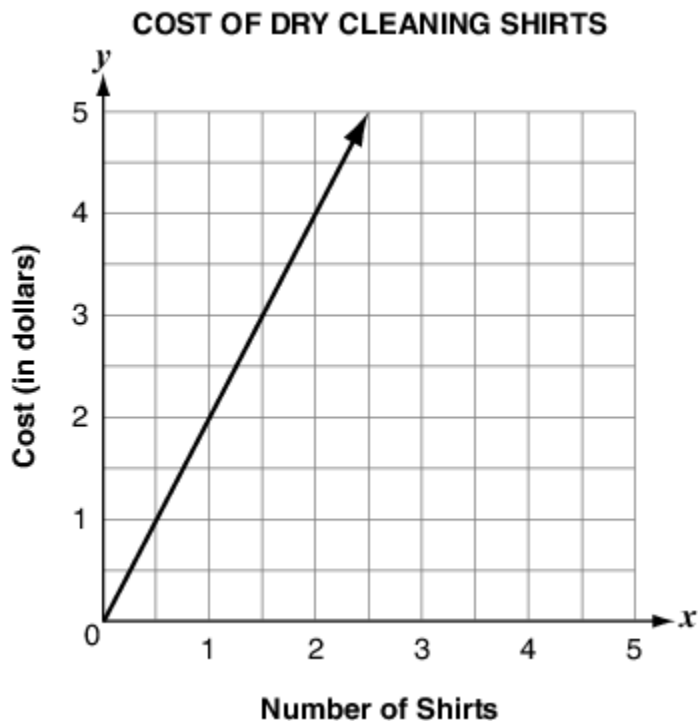
- A** a distance of 3 miles per 9 hours **C** a distance of 9 miles per 3 hours
B a distance of $\frac{1}{9}$ mile in 3 hours **D** a distance of $\frac{1}{3}$ mile in 9 hours

2. The distance a typical hummingbird flies is 5.0 meters every second. The graph below models this situation. What does Point *J* represent on the graph?



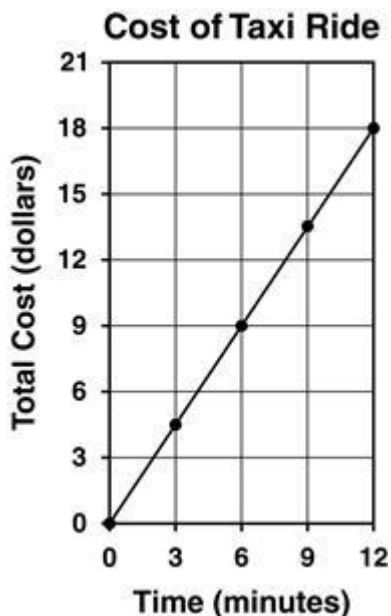
- A** The hummingbird flies a distance of 5 meters every 30 seconds.
B The hummingbird flies a distance of 6 meters every 30 seconds.
C The hummingbird flies a distance of 30 meters every 5 seconds.
D The hummingbird flies a distance of 30 meters every 6 seconds.

3. A dry cleaning service's costs for cleaning shirts are shown in the graph. What is the meaning of the point (1, 2) in terms of the context?



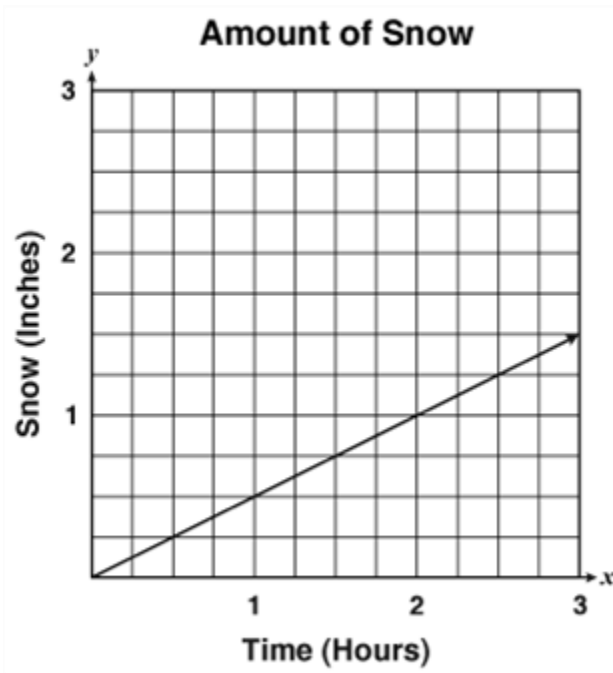
- A** The dry cleaning service charges \$1 per shirt.
- B** The dry cleaning service charges \$2 per shirt.
- C** The dry cleaning service charges \$1 for 2 shirts.
- D** The dry cleaning service charges \$2 for 2 shirts.

4. The graph below shows a proportional relationship between time and the total cost of a taxi ride. Which expression can be used to find the unit rate, in dollars, for a one-minute ride in a taxi?



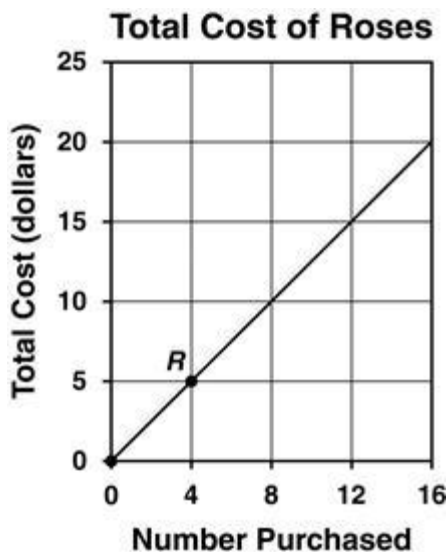
- A** $12 \div 18$
- B** $18 \div 3$
- C** $9 \div 6$
- C** $6 \div 3$

5. The graph shows the number of inches of snow over the course of time. Which statement is NOT correct about the relationship shown in the graph?



- A It is snowing at a steady rate.
- B It is snowing at a rate of $\frac{1}{2}$ inch per hour.
- C The amount of snow is proportional to the time.
- D The coordinate (2, 1) indicates that it has snowed 2 inches in 1 hour.

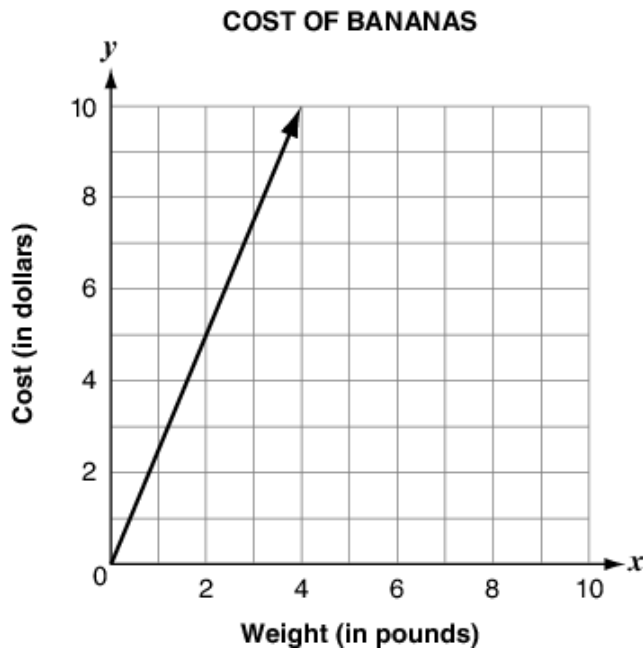
6. The number of roses purchased is proportional to the total cost as modeled in the graph shown. Four roses cost \$5 as represented by Point *R*.



What is the cost of one rose?

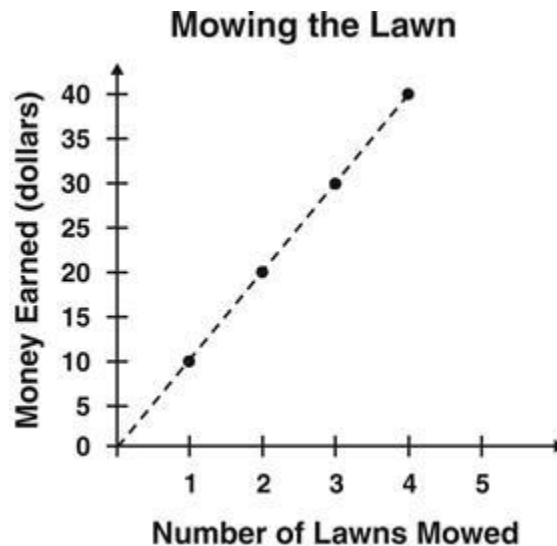
- A \$1.25
- B \$2.50
- C \$4.00
- D \$5.00

7. The graph shows the cost of bananas at a supermarket based on the weight of the bananas in pounds. What is the cost of one pound of bananas?



- A** \$0.40
- B** \$0.50
- C** \$2.00
- D** \$2.50

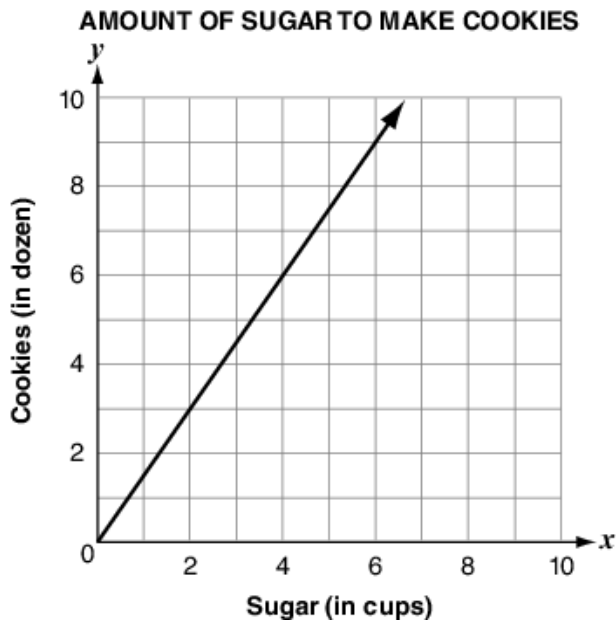
8. The graph shows the amount of money Vernon earns mowing lawns.



What does Point (3, 30) on the graph mean?

- A** Vernon mowed 3 lawns and earned \$5.
- B** Vernon mowed 30 lawns and earned \$3.
- C** Vernon mowed 3 lawns and earned \$10.
- D** Vernon mowed 3 lawns and earned \$30.

9. The graph below shows the amount of sugar required to make different-sized batches of cookies.



Which statement is true about the graph of the line?

- A** The point (3, 2) lies on the graph and indicates that 24 cookies can be made from 3 cups of sugar.
- B** The point (4, 6) lies on the graph and indicates that 48 cookies can be made from 6 cups of sugar.
- C** The point (2, 3) lies on the graph and indicates that 36 cookies can be made from 2 cups of sugar.
- D** The point (6, 4) lies on the graph and indicates that 64 cookies can be made from 6 cups of sugar.

10. Abigail drew the graph below to show how the number of necklaces she makes depends on the number of days she spent making them.



How many necklaces per day does Abigail make?

- A** 10
- B** 15
- C** 20
- D** 30