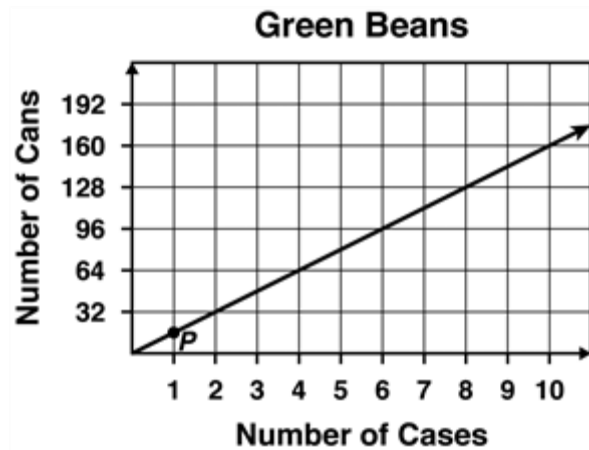


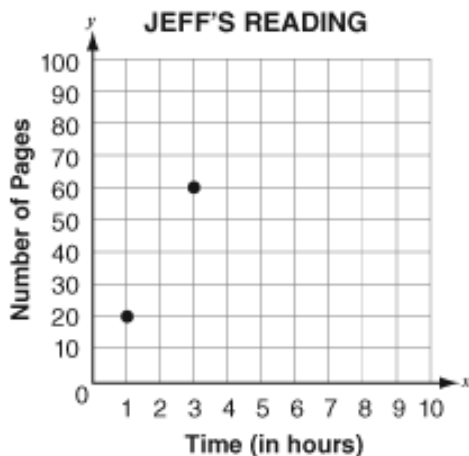
1. Cans of green beans are delivered to a grocery store in cases. The graph shows the relationship between the number of cans and the number of cases.



Which of the following statements is true?

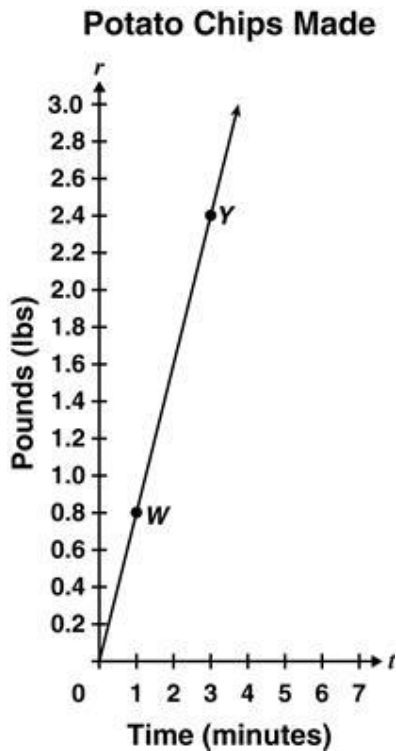
- A The line goes through the point (3, 64), which means that there are 64 cans in 3 cases.
- B The line goes through the point (6, 96), which means that there are 96 cans in 6 cases.
- C The line goes through the point (8, 128), which means that there are 8 cans in 128 cases.
- D The line goes through the point (9, 160), which means that there are 160 cans in 9 cases.

2. The graph below shows how the number of pages Jeff reads is related to the number of hours he spends reading. If Jeff continues to read at the same rate as shown in the graph, how many hours would it take him to read 90 pages?



- A 20
- B 6
- C 4.5
- D 1.5

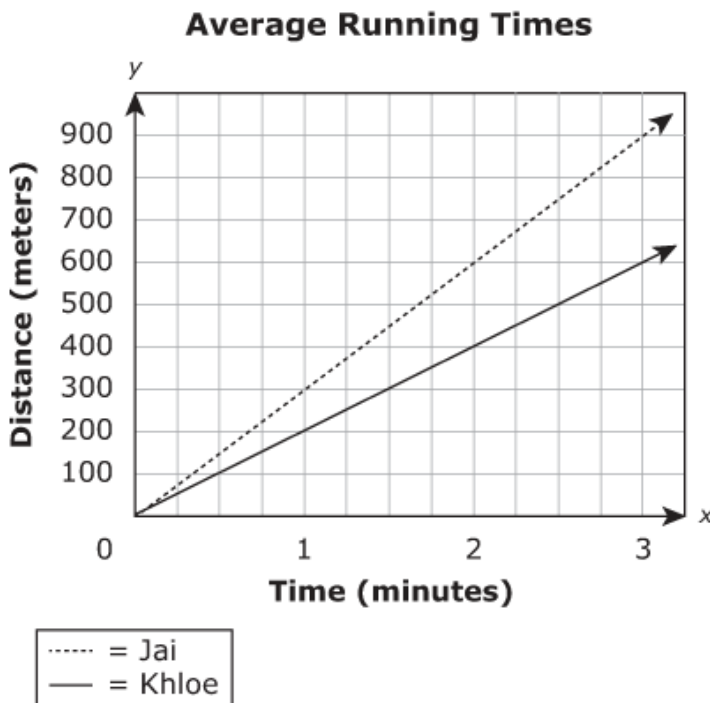
3. The graph shows that rate is proportional to time. Point W represents a rate of 0.8 pounds of potato chips made in 1 minute.



What does Point Y represent?

- A a rate of 2.4 pounds of potato chips made in 3 minutes
- B a rate of 3 pounds of potato chips made in 2.4 minutes
- C a rate of $2\frac{1}{4}$ pounds of potato chips made in 3 minutes
- D a rate of $\frac{1}{3}$ pound of potato chips made in 2.4 minutes

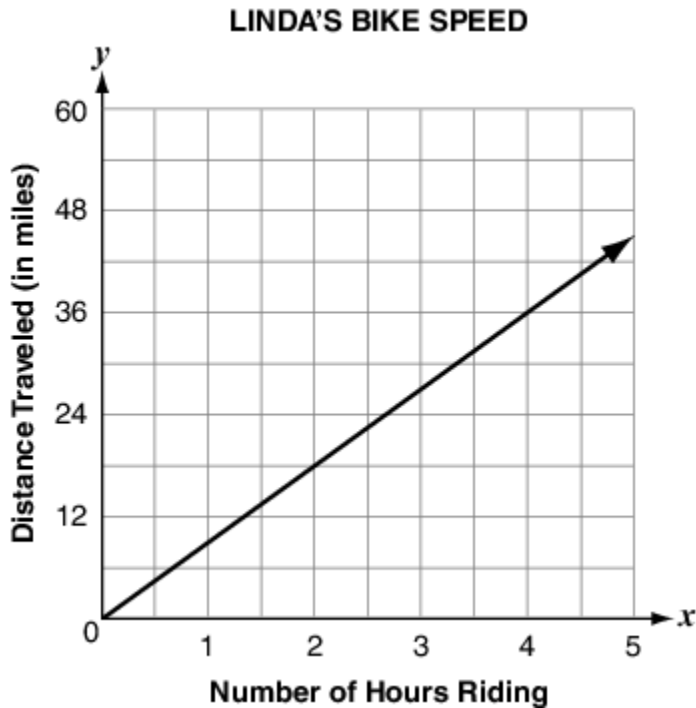
4. Jai and Khloe's coach recorded their average running times in a graph.



Based on the information in the graph, which statement is true?

- A Both girls ran at the same speed because they started at $(0, 0)$.
- B Jai ran at a faster speed because her unit rate was 300 meters per minute.
- C Khloe ran at a faster speed because her unit rate was 400 meters per minute.
- D Since there are two separate lines, it is not possible to calculate a unit rate and compare the two speeds.

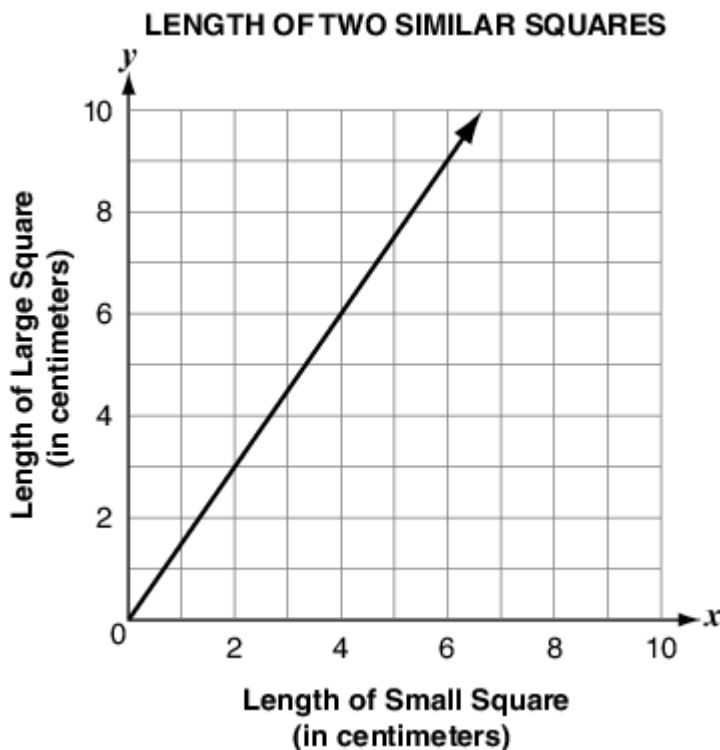
5. The graph below shows the relationship between the number of hours Linda rides her bike and the distance she travels.



How many miles does Linda travel in 1 hour?

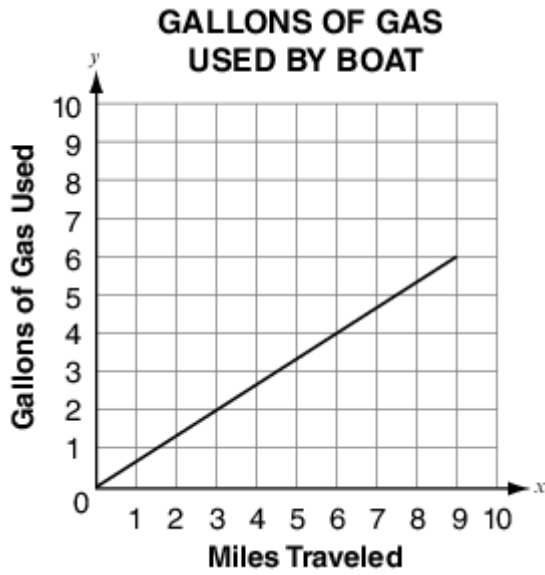
- A** 18 miles
- B** 12 miles
- C** 10 miles
- D** 9 miles

6. Two squares are similar. The side length of the smaller square is proportional to the side length of the larger square. This relationship is graphed below. What is the side length of the larger square if the side length of the smaller square is 1 cm?



- A** 0.7 cm
- B** 1.3 cm
- C** 1.5 cm
- D** 1.7 cm

7. The graph below shows how many gallons of gas are used by a boat when it travels. How many gallons of gas would the boat use to travel 24 miles?



A 12

B 16

C 21

D 36