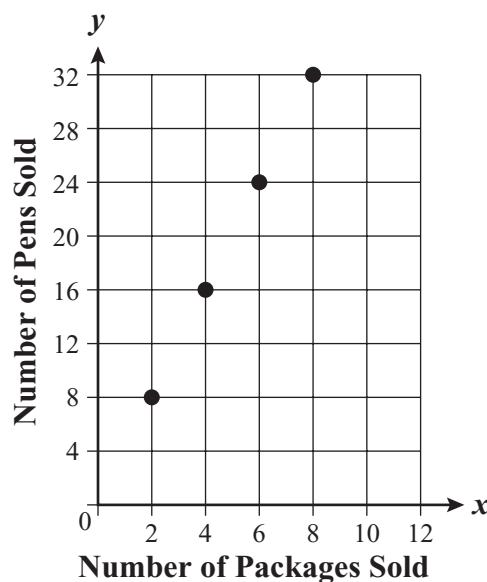


- 9 A store sells packages of pens. Each package contains the same number of pens.

The graph below displays the relationship between the total number of packages sold and the total number of pens sold.

Relationship between Pens and Packages Sold



What is the total number of pens in each package?

- A. 2
- B. 4
- C. 6
- D. 8

Question 10 is an open-response question.

- **BE SURE TO ANSWER AND LABEL ALL PARTS OF THE QUESTION.**
- **Show all your work (diagrams, tables, or computations) in your Student Answer Booklet.**
- **If you do the work in your head, explain in writing how you did the work.**

Write your answer to question 10 in the space provided in your Student Answer Booklet.

- 10** A local bakery celebrated its one-year anniversary on Saturday. On that day, every 4th customer received a free cookie. Every 6th customer received a free muffin.
- Did the 30th customer receive a free cookie, a free muffin, both, or neither? Show or explain how you got your answer.
 - Casey was the first customer to receive both a free cookie and a free muffin. What number customer was Casey? Show or explain how you got your answer.
 - Tom entered the bakery after Casey. He received a free cookie only. What number customer could Tom have been? Show or explain how you got your answer.
 - On that day, the bakery gave away a total of 29 free cookies. What was the total number of free muffins the bakery gave away on that day? Show or explain how you got your answer.

Questions 11 and 12 are short-answer questions. Write your answers to these questions in the boxes provided in your Student Answer Booklet. Do not write your answers in this test booklet. You may do your figuring in the test booklet.

- 11 A rectangle has a width of 6 feet, as shown below.



The perimeter of the rectangle is 34 feet. What is the length, in feet, of the rectangle?

- 12 What is the volume, in cubic inches, of the cube below?

