

- 9 Two number sentences are shown below.

$$\begin{array}{l} 10 + \bigcirc = 25 \\ \bigcirc + \square = 24 \end{array}$$

What values for \bigcirc and \square make **both** number sentences true?

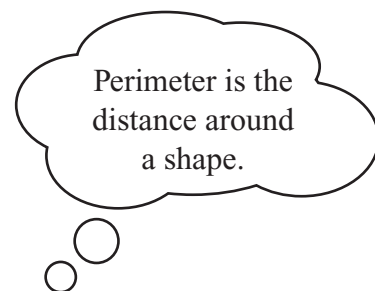
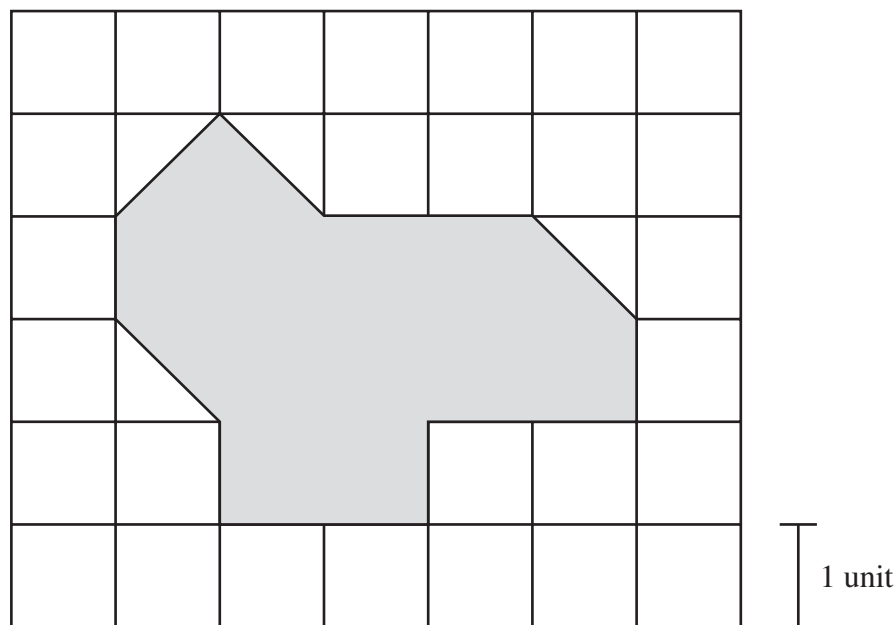
- A. $\bigcirc = 35$ $\square = 11$
- B. $\bigcirc = 15$ $\square = 9$
- C. $\bigcirc = 15$ $\square = 11$
- D. $\bigcirc = 9$ $\square = 15$

Question 10 is an open-response question.

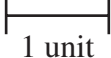
- **BE SURE TO ANSWER AND LABEL ALL PARTS OF THE QUESTION.**
- **Show all your work (diagrams, tables, or computations) in your Student Answer Booklet.**
- **If you do the work in your head, explain in writing how you did the work.**

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

10 The picture below shows the shaded figure that Diego drew on a piece of grid paper.



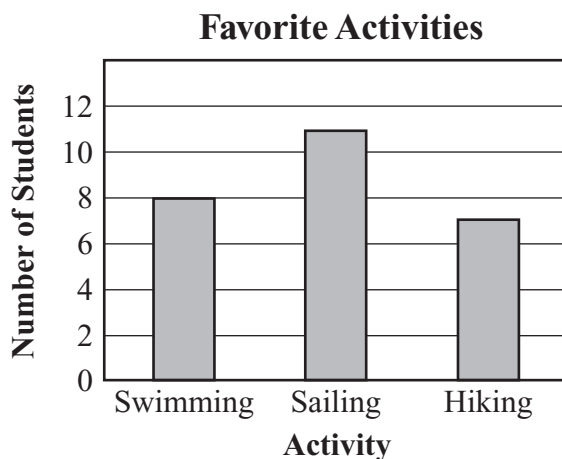
Each  represents 1 square unit.

 1 unit

- What is the area, in square units, of the shaded figure? Show or explain how you got your answer.
- What are the dimensions (length and width), in units, of a rectangle with the same area as the shaded figure? Show or explain how you got your answer.
- What is the perimeter, in units, of the rectangle you described in part (b)? 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 Tracey asked each student in her class to vote for one favorite outdoor activity. The graph below shows the number of students who voted for each activity.



How many more students voted for sailing than voted for hiking?

- 12 What is the value of \square that makes the number sentence below true?

$$3098 - \square = 923$$