

Practice Test

Mathematics

GRADE 3

Student Name

School Name

District Name



Massachusetts Department of
**ELEMENTARY & SECONDARY
EDUCATION**

This is a practice test. Mark your answers to ALL questions in this Practice Test Booklet.

Mark only one answer for each multiple-choice question. If you are not sure of the answer, choose the answer you think is best. Mark your choice by filling in circle A, B, C, or D. You may make notes OUTSIDE the boxes where you mark your answers. Do not make any stray marks INSIDE the boxes.

**HOW TO ANSWER
OPEN-RESPONSE QUESTIONS**

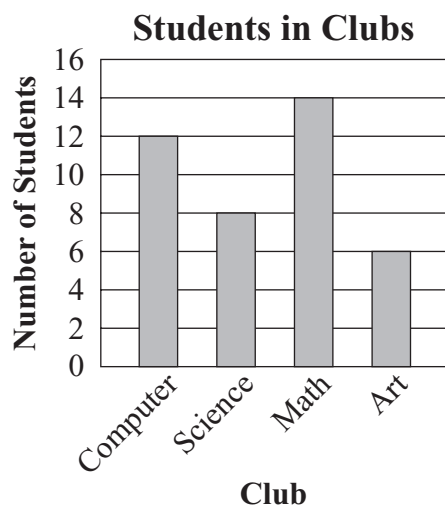
- Read all parts of each question carefully.
- Make each response as clear, complete, and accurate as you can.
- Check your answers.

Mathematics

DIRECTIONS

This practice test contains one multiple-choice question, one short-answer question, and one open-response question. For the multiple-choice question, mark your answer by filling in the circle next to the best answer. For the short-answer and open-response questions, write your answers in the space provided below the question.

- 1 The bar graph below shows the number of students who belong to each club at Patterson School.



How many **more** students belong to the Math Club than to the Art Club?

- (A) 4
- (B) 6
- (C) 8
- (D) 14

Question 2 is a short-answer question. Write your answer to this question in the Answer Box provided.

2 Ian is thinking of a number. The clues to find his number are given below.

- His number has only the digits 3, 6, and 9.
- Each digit is used only once.
- His number is an even number.
- His number is greater than 400.

In the Answer Box below, write Ian's number.

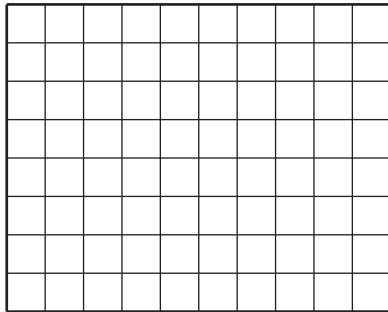
Answer Box

2

Write your answers to parts (a) and (b) of open-response question 3 in the spaces provided.

- 3 Morgan made the drawing below to show the area of the library.

Library

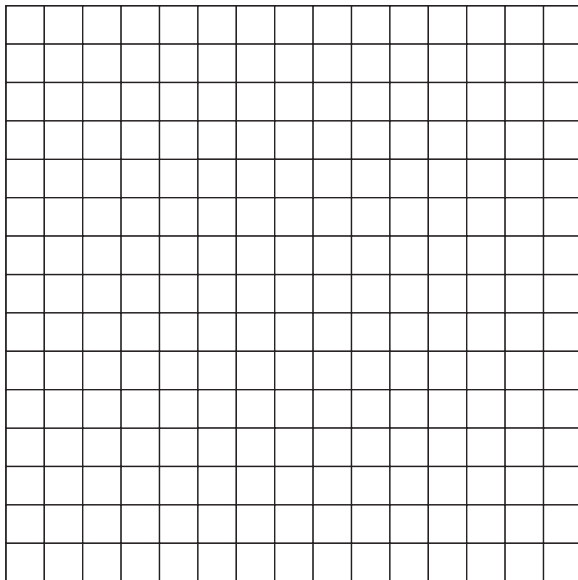


stands for 1 square yard

- a. What is the area, in square yards, of the library?

The area of Morgan's classroom is 36 square yards.

- b. On the grid below, draw a rectangle with an area of 36 square yards.



stands for 1 square yard

