

Practice Test

Mathematics

GRADE 4

Student Name

School Name

District Name



This is a practice test. Your responses to practice test questions must be recorded on your Practice Test Answer Document.

Mark only one answer for each multiple-choice question. If you are not sure of the answer, choose the answer you think is best.

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.

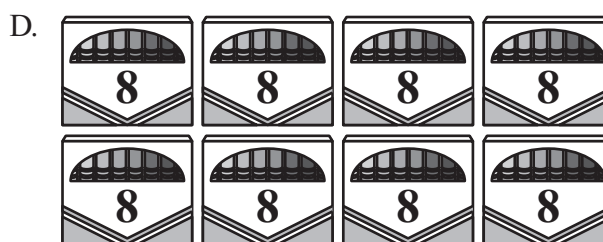
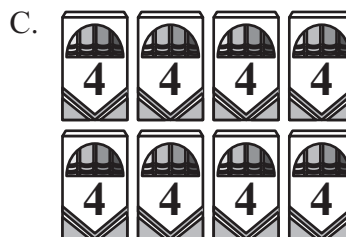
Mathematics

DIRECTIONS

This practice test contains one multiple-choice question, one short-answer question, and one open-response question. Mark your answers to these questions in the spaces provided on pages 5 and 6 of your Practice Test Answer Document.

- 1 There are 32 markers in boxes on a table. There are 4 students at the table. Each student will get one box with the same number of markers in it, and there will be no boxes left over.

Which model correctly shows the boxes of markers on the table?



Question 2 is a short-answer question. Write your answer to this question in the box provided on page 5 of your Practice Test Answer Document. Do not write your answer on any other page. You may do your figuring on any other page.

2 Compute:

$$65 \times 98$$

Question 3 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 Practice Test Answer Document.**
- **If you do the work in your head, explain in writing how you did the work.**

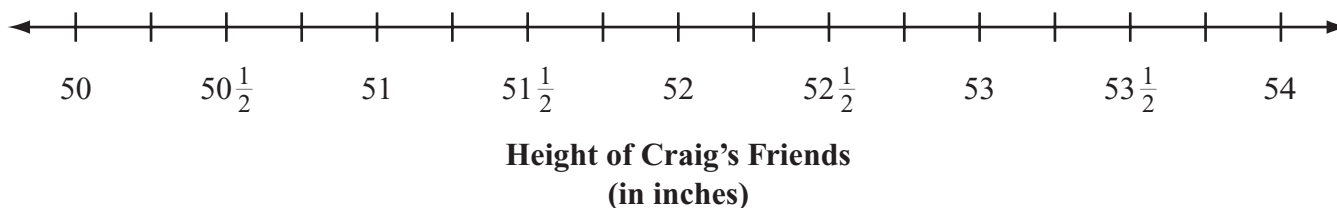
Write your answer to question 3 in the space provided on page 6 of your Practice Test Answer Document.

- 3 The table below shows the heights of ten of Craig's friends.

Heights of Craig's Friends

| Name | Height (in inches) |
|-----------|--------------------|
| Matt | $52\frac{1}{2}$ |
| Justin | $51\frac{1}{2}$ |
| Danny | 52 |
| Antonio | 51 |
| Terrell | 53 |
| Kiara | 51 |
| Ellen | 52 |
| Kimi | $50\frac{1}{2}$ |
| Fran | 52 |
| Gabriella | $51\frac{1}{4}$ |

In your Practice Test Answer Document, copy the line plot and title exactly as shown below.



- Complete the line plot you copied into your Practice Test Answer Document using the information in the table.
- What is the total number of Craig's friends who have a height that is **less than** $52\frac{1}{2}$ inches?
- What is the difference, in inches, between the height of Craig's tallest friend and the height of Craig's shortest friend? Show or explain how you got your answer.

MASSACHUSETTS COMPREHENSIVE ASSESSMENT SYSTEM

Grade 4 Mathematics

Practice Test Answer Document

| | |
|--|---|
| <p>School Name: _____</p> <p>District Name: _____</p> <p>Last Name of Student: _____</p> <p>First Name of Student: _____</p> | <p style="text-align: center;">Marking Instructions</p> <ul style="list-style-type: none">• Use a No. 2 pencil only.• Do not use ink, ballpoint, or felt tip pens.• Make solid marks that fill the circles completely.• Erase cleanly any marks you wish to change.• Make no stray marks on this form.• Do not fold, tear, or mutilate this form. |
|--|---|

MATHEMATICS

1. (A) (B) (C) (D)

2.

DO NOT WRITE
IN SHADED AREA

Please go to the next page to answer the next question for this test. ➡

3.

Handwriting practice area with 20 horizontal red lines. A grid of 20 columns and 15 rows is located on the right side of the page.



**NO TEST MATERIAL
ON THIS PAGE**

