Practice Test

Mathematics

GRADE 5

_____

Student Name

_____

School Name

_____

District Name

MASSACHUSETTS DEPARTMENT OF
ELEMENTARY AND SECONDARY
EDUCATION
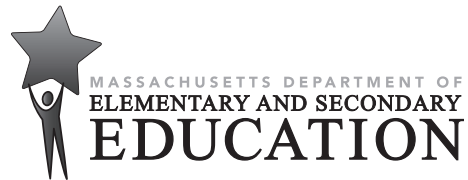
This is a practice test. Your responses to practice test questions must be recorded on your Practice Test Answer Document.

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 Which of the following is equivalent to the expression below?

$$\frac{2}{5} + \frac{1}{4}$$

A. $\frac{2}{20}$

B. $\frac{3}{20}$

C. $\frac{9}{20}$

D. $\frac{13}{20}$

Mathematics

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   One megaton is equivalent to 1,000,000 tons. What is 1,000,000 written as a power of ten?

Mathematics

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 Kelsey plans to make 16 bows for gifts that she will wrap. Each bow will use 18 inches of ribbon. Ribbon for bows is sold by the yard.

    a. How many inches of ribbon will Kelsey need for all 16 bows? Show or explain how you got your answer.

    b. How many **yards** of ribbon will Kelsey need for all 16 bows? Show or explain how you got your answer.

MASSACHUSETTS COMPREHENSIVE ASSESSMENT SYSTEM
Grade 5 Mathematics
Practice Test Answer Document

School Name:_____

District Name: _____

Last Name of Student:_____

First Name of Student: _____

Marking Instructions
- 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.
- Do not make any stray marks on this form.
- Do not fold, tear, or damage this form.

1. Ⓐ Ⓑ Ⓒ Ⓓ

2.

DO NOT WRITE
IN SHADED AREA

3.

STOP!