

Connecticut Mastery Test

FOURTH GENERATION

Grades 3 – 8

CMT MAS MATHEMATICS
PRACTICE TEST

TEST EXAMINER'S
MANUAL

2014

THE CMT MAS MATHEMATICS PRACTICE TEST

The CMT MAS Mathematics Practice Test is an optional practice test for students who will be assessed with the CMT Modified Assessment System (MAS) in Mathematics. The purpose of the CMT MAS Mathematics Practice Test is to allow students to become familiar and comfortable with test format and response modes. Therefore, the directions can be used with some liberty. For those test examiners who choose to read the practice test directions verbatim, the directions that appear in **bold, indented print**

following the  graphic **must** be read aloud to students. All other directions are for the test examiner only and should not be read aloud. You may respond to the needs of your class during this session. The CMT MAS Mathematics Practice Test is not secure, and students may take it home after completing it.

Note: Students assessed with the CMT MAS should also be included in the standard CMT Practice Test session.

To ensure that this session is not interrupted, post the Do Not Disturb sign on the classroom door.

Testing Time and Materials Needed

The CMT MAS Mathematics Practice Test will take approximately 20 minutes to administer:

- Distributing materials 5 minutes
- Student testing time 15 minutes

Each student will need the following materials to complete the CMT MAS Mathematics Practice Test:

- A CMT MAS Mathematics Practice Test
- Two Number 2 pencils with erasers
- Scratch paper
- Highlighters (for students who choose to use one)

Administration of the CMT MAS Mathematics Practice Test

SAY

Today you are going to take a Mathematics practice test. This test will let you practice the kinds of items you will do on the actual Connecticut Mastery Test. *(Pause.)* I will now pass out the practice test.

Distribute the CMT MAS Mathematics Practice Test.

SAY

Look at the front cover of the Mathematics Practice Test. Follow along as I read the letter aloud.

Dear Student,

During the next few weeks you will be taking a set of tests as part of the Connecticut Mastery Testing Program. This Mathematics practice test will show you what some of the questions will be like and how you are to mark your answers. When you finish the practice test, it is yours to keep and take home.

Pause.

SAY

On this practice test, as well as on the actual test, you will answer different kinds of questions. For the multiple-choice questions, fill in the bubble next to your answer choice in your practice test booklet. Remember to fill in the bubble completely, and make a dark mark. For the written response questions, you will write out or draw your answers in the spaces provided in the practice test. We will practice both of these types of questions. If you change your mind after you have answered, erase your first answer completely; then mark or write your new answer.

Pause.

SAY

Turn to page 1 where it says Mathematics. Read along silently as I read aloud from the top of the page. *(Pause.)*

On the Mathematics part of the test, you will be asked questions about various mathematics topics. For example,

some of the questions will ask about place value, number facts, measurement, and using math to solve problems. Scratch paper will be provided for you to use. The questions below are similar to some of the questions on the test.

Pause.

SAY

Now look at the directions. Follow along as I read them aloud.

DIRECTIONS

Read each question.

- **For the multiple-choice questions, completely fill in the bubble next to the *best* answer to each question.**
- **For the written response questions, clearly write your answer to each of the problems in the space provided.**

Now look at question 1. It says, “Nancy has 79 stickers in her collection. This number is a little” *(Pause while students do the problem.)* **What is the correct answer?** *(Pause for correct answer: “less than 80.”)* **That is correct. “Less than 80” is the correct answer because 79 is a little less than 80. Now fill in the bubble next to the third answer choice, “less than 80.”**

Pause while students mark the answer.

SAY

Now look at question 2. *(Pause while students find question 2.)* **Read the problem and then choose the best answer.** *(Pause while students answer the question.)* **What is the correct answer?** *(Pause for correct answer: “64.”)* **That is correct. “64” is the correct answer because $74 - 10 = 64$. Fill in the bubble next to the correct answer for question 2. Are there any questions?**

Pause and answer any questions.

SAY

Now read and answer question 3 on page 2. *(Pause while students answer the question.)* **What is the correct answer?** *(Pause for correct answer: “863.”)* **That is correct. “863” is the correct answer. The 3 has the least value in “863.” Now fill in the bubble next to the correct answer for question 3. Are there any questions?**

Pause while students fill in the bubble next to the correct answer. Answer any questions.

SAY

Now look at question 4. Read the problem and then choose the best answer. (Pause while students answer the question.) What is the correct answer? (Pause for correct answer: “14.”) That is correct. “14” is the correct answer because $2 \times 7 = 14$. Fill in the bubble next to “14.” Are there any questions?

Pause while students fill in the bubble next to the correct answer. Answer any questions.

SAY

The last two questions on this practice test are written response questions. That means that you will write your answers to the questions in the spaces provided below each question. The actual test will have several of this type of question on it. Read question 5 on page 3 and answer it in your practice test booklet now.

Pause until students have finished writing their answers.

SAY

To answer question 5 correctly you should have written a story problem that can be solved using the number sentence $2 + 3 = \square$.

Ask students to share their story problems. Answer any questions. Demonstrate on the board if necessary. Make sure students understand how to write their story problems in the answer space provided. Student story problems will vary. Writing skills such as spelling, punctuation, and grammar will not be scored. Answers will be scored for mathematical understanding.

SAY

Now turn to page 4. Read question 6 and answer it in your practice test booklet.

Pause until students have finished writing their answers.

SAY

To answer question 6 correctly you should have drawn a shape with three sides like one of these.

Draw pictures of different types of triangles on the board. Check that students drew a triangle.

SAY

What explanation have you written? *(Answers will vary. Possible correct answers include: “A triangle is a shape that has three sides;” “A triangle is a shape that has three angles.”)* **One correct explanation is, “A triangle is a shape that has three sides;” or “A triangle is a shape that has three angles.” Are there any questions?**

Pause and answer any questions. Make sure students understand how to answer in the answer space provided in their practice test. Student explanations will vary. Writing skills such as spelling, punctuation, and grammar will not be scored. Answers will be scored for mathematical understanding.

SAY

The Mathematics part of the actual test will be done in more than one test session. You will be given 60 minutes to complete each test session. There will be two types of questions, multiple-choice and written response, in each test session. Are there any questions about the Mathematics part of the test?

Pause and answer any questions.

SAY

This Practice Test is yours to keep and take home.

**CMT MAS Mathematics
Practice Test Examiner's Manual**



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