Not for student use.
Use in conjunction with a paper mathematics item sampler.

Minnesota Comprehensive Assessments-Series III

Mathematics Item Sampler Script
Grade 3

ITEM SAMPLERS ARE NOT SECURE TEST MATERIALS. THIS ITEM SAMPLER SCRIPT MAY BE COPIED OR DUPLICATED.

Minnesota Department of Education

MINNESOTA COMPREHENSIVE ASSESSMENTS
ITEM SAMPLER
GRADE 3 MATHEMATICS SCRIPT

INSTRUCTIONS CONTAINED IN THE ITEM SAMPLER REFLECT THE CONTENT OF THE ACTUAL TEST AND MAY NOT APPLY TO THE ADMINISTRATION OF THE ITEM SAMPLER.

This script is for the Test Monitor only; it is not for students. This script is the **only** source a Test Monitor may use to read the Mathematics MCA test to students. **This script must be used in conjunction with the grade 3 Mathematics MCA regular print, large print, or Braille test book.** For Braille, Test Monitors should also refer to the *Test Administrator Notes* included with the Braille test book.

GENERAL INSTRUCTIONS FOR TEST MONITORS:

- Prior to test administration, review the *Test Monitor and Student Directions for Paper Accommodations for MCA* for detailed policy and procedure information for test administration (e.g., stopping testing for the day).

- Before students start the test, read the applicable from the *Test Monitor and Student Directions for Paper Accommodations for MCA* to students to instruct them about testing procedures.

- Read aloud to students ONLY what is in BOLD TYPE.

Say the following before you begin reading the questions on the next page:

After I read each question, I will pause for as much time as you need to answer the question. Then I will read the next question. You may ask me to repeat any question as many times as you need.

GRADE 3 MATHEMATICS MCA SCRIPT
SEGMENT 1

We will now begin Segment One (1)**. You MAY NOT use a calculator for this segment.**

Question number one (1)**:**

What is another way to show (the number shown)?

Choose answer A, B, C, or D.

Question number two (2)**:**

There are twenty-three thousand, six hundred fifty (23,650) **people in a stadium.**

The stadium can hold one thousand (1,000) **more people.**

How many people can the stadium hold?

Choose answer A, B, C, or D.

Question number three (3)**:**

What is (the number shown) rounded to the nearest thousand?

Choose answer A, B, C, or D.

Question number four (4)**:**

Subtract (the expression shown).

Choose answer A, B, C, or D.

Question number five (5)**:**

Which model shows six times three (6×3)**?**

Choose answer A, B, C, or D.

Question number six (6)**:**

Malik has sixty-four (64) **marbles.**

He puts an equal number of marbles into each of four (4) **jars.**

How many marbles are in each jar?

Choose answer A, B, C, or D.

Question number seven (7)**:**

Multiply (the expression shown).

Choose answer A, B, C, or D.

Question number eight (8)**:**

Two lines are shown.

Which describes the relationship between the lines?

Choose one of the following answers. (Read answers aloud.)

A. Parallel
B. Perpendicular
C. Square
D. Straight

STOP

This is the end of Segment One (1) **of your mathematics test.**

If you want to check your answers, you may do so now. You may ask me to repeat any question. You will not be able to come back to these questions later.

Pause while the student checks his or her answers.

After you have checked your answers, seal this segment of your test book.

GRADE 3 MATHEMATICS MCA SCRIPT
SEGMENT 2

We will now begin Segment Two (2)**. You MAY use a calculator for this segment.**

Question number nine (9)**:**

Which number has a five (5) **in the ten thousands place?**

Choose answer A, B, C, or D.

Question number ten (10)**:**

Connie lists her scores from a video game.

Which list shows the scores listed from greatest to least?

Choose answer A, B, C, or D.

Question number eleven (11)**:**

Jeff had one thousand, three hundred fifty (1,350) **glass beads and six hundred ninety-five** (695) **clay beads.**

He sold one hundred thirty-eight (138) **glass beads and forty-seven** (47) **clay beads.**

How many beads did Jeff have left?

Choose answer A, B, C, or D.

Question number twelve (12)**:**

Cory has two (2) **red crayons and one** (1) **blue crayon.**

What fraction of Cory's crayons is red?

Choose answer A, B, C, or D.

Question number thirteen (13)**:**

Gavin has four (4) **green apples and four** (4) **red apples.**

Tara has four (4) **green apples and eight** (8) **red apples.**

Who has a greater fraction of green apples?

Choose one of the following answers. (Read answers aloud.)

A. **Gavin, because four-eighths ($\frac{4}{8}$) is greater than four-twelfths ($\frac{4}{12}$).**

B. **Tara, because four-twelfths ($\frac{4}{12}$) is greater than four-eighths ($\frac{4}{8}$).**

C. **Tara, because twelve** (12) **is greater than eight** (8)**.**

D. **They both have the same fraction of green apples.**

Question number fourteen (14)**:**

Ellen has a vase of flowers.

- **One-eighth** ($\frac{1}{8}$) **are red.**
- **One-third** ($\frac{1}{3}$) **are blue.**
- **One-sixth** ($\frac{1}{6}$) **are purple.**
- **One-fourth** ($\frac{1}{4}$) **are yellow.**

Which is the greatest fraction?

Choose answer A, B, C, or D.

Question number fifteen (15)**:**

A table is shown.

The table has three (3) **rows and two** (2) **columns. The column headings are labeled from left to right: "Input," "Output."**

What is the output number when the input number is twelve (12)**?**

Choose answer A, B, C, or D.

Question number sixteen (16)**:**

Which story problem can be solved using the number sentence (shown)?

Choose one of the following answers. (Read answers aloud.)

A. **Tom had eighteen** (18) **pencils. He gave *n* pencils away and had two** (2) **left over. How many pencils did Tom give away?**
B. **Alice bought *n* books and spent eighteen dollars** ($18)**. Each book cost two dollars** ($2)**. How many books did Alice buy?**
C. **Maya had *n* rocks and two** (2) **baskets. She put eighteen** (18) **rocks in each basket. How many rocks did Maya have?**
D. **Pedro saw two** (2) **kinds of birds. He saw eighteen** (18) **robins and *n* crows. How many crows did Pedro see?**

Question number seventeen (17)**:**

An equation is shown.

What number makes the number sentence true?

Choose answer A, B, C, or D.

Question number eighteen (18)**:**

Which shape has the fewest angles?

Choose one of the following answers. (Read answers aloud.)

A. **Hexagon**
B. **Octagon**
C. **Pentagon**
D. **Trapezoid**

Question number nineteen (19)**:**

The perimeter of a rectangle is sixteen (16) **inches.**

Its length is five (5) **inches.**

What is its width?

Choose one of the following answers. (Read answers aloud.)

A. **Three** (3) **inches**
B. **Six** (6) **inches**
C. **Eleven** (11) **inches**
D. **Twenty-one** (21) **inches**

Question number twenty (20)**:**

Mai Ka starts reading a book at the time shown on the clock.

She stops reading one (1) **hour and twelve** (12) **minutes later.**

What time does Mai Ka stop reading?

Choose answer A, B, C, or D.

Question number twenty-one (21)**:**

A movie is two (2) **hours and twenty-eight** (28) **minutes long.**

How many minutes long is the movie?

Choose one of the following answers. (Read answers aloud.)

A. **Eighty-eight** (88) **minutes**
B. **One hundred twenty** (120) **minutes**
C. **One hundred forty-eight** (148) **minutes**
D. **Two hundred twenty-eight** (228) **minutes**

Question number twenty-two (22)**:**

Gina buys a snack for fifty-nine cents (59¢)**.**

She pays with a one dollar bill ($1)**.**

She receives the fewest possible coins in change.

What change does Gina receive?

Choose one of the following answers. (Read answers aloud.)

A. **One** (1) **quarter, one** (1) **dime, one** (1) **nickel, and one** (1) **penny**
B. **Two** (2) **quarters and one** (1) **penny**
C. **Two** (2) **quarters, one** (1) **nickel, and four** (4) **pennies**
D. **Four** (4) **dimes and one** (1) **penny**

Question number twenty-three (23)**:**

A thermometer is shown.

From left to right, the thermometer is labeled: "Degrees Fahrenheit (°F)**," "Degrees Celsius** (°C)**."**

What temperature is shown on the thermometer?

Choose one of the following answers. (Read answers aloud.)

A. **Eleven degrees Celsius** (11°C)
B. **Twelve degrees Fahrenheit** (12°F)
C. **Fifty-four degrees Celsius** (54°C)
D. **Fifty-four degrees Fahrenheit** (54°F)

Question number twenty-four (24)**:**

Leon asked his friends to choose a favorite dessert.

The title of the bar graph is: "Dessert Choices." The horizontal axis is titled: "Dessert" and the vertical axis is titled: "Number of Friends." From left to right, the horizontal axis reads: "Pie," "Cookies," "Cake," "Ice cream," "Pudding."

How many more friends chose ice cream than pie?

Choose answer A, B, C, or D.

STOP

This is the end of the mathematics test.

If you want to check your answers, you may do so now. You may ask me to repeat any question. You will not be able to come back to these questions later.

Pause while the student checks his or her answers.

After you have checked your answers, seal this segment of your test book.

Collect the test materials from the student as specified in the *Test Monitor and Student Directions for Paper Accommodations for MCA.*