

MCA Paper Student
Readiness Tool
Mathematics
Grades 5–6



DEPARTMENT
OF EDUCATION

12 Point

Symbols on the Test

You will see the following symbols in your test book:



This symbol means you can continue answering questions on the next page.



This symbol means you have finished a segment of the test. You must wait until you are told to go to the next segment.



This symbol indicates where to place the sticker given to you by the Test Monitor to seal a finished segment.



A black-outlined arrow pointing to the right. Inside the arrow, the text "Go on to the next page." is written in a bold, black, sans-serif font.

Go on to the next page.

Mathematics Test General Information

Put sticker
here

- Your test will contain different segments. Segment pages look like this:

Segment 1 You will be told when to begin this segment. You MAY NOT use a calculator for this segment. 	Segment 2 You will be told when to begin this segment. You MAY use a calculator for this segment. 

- You are allowed to use a calculator for certain segments of the test. These symbols tell you whether a calculator is allowed.



Allowed



Not Allowed

- You can write notes in your test book or on scratch paper, but you must answer each question in the test book.
- Your mathematics test includes multiple-choice and fill-in-the-blank questions.

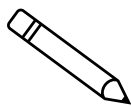
Go on to the next page.

For multiple-choice questions, circle the answer in your test book. The sample question shows you how to do this.

Sample Question Answered in Test Book:

Add.

$$1 + 1$$



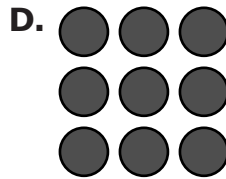
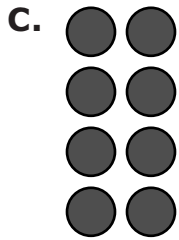
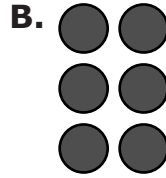
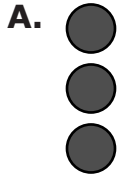
- A. 1
- B. 2**
- C. 3
- D. 4

Go on to the next page.

Practice

Practice answering this multiple-choice question by circling option B.

1. Which model shows 6?

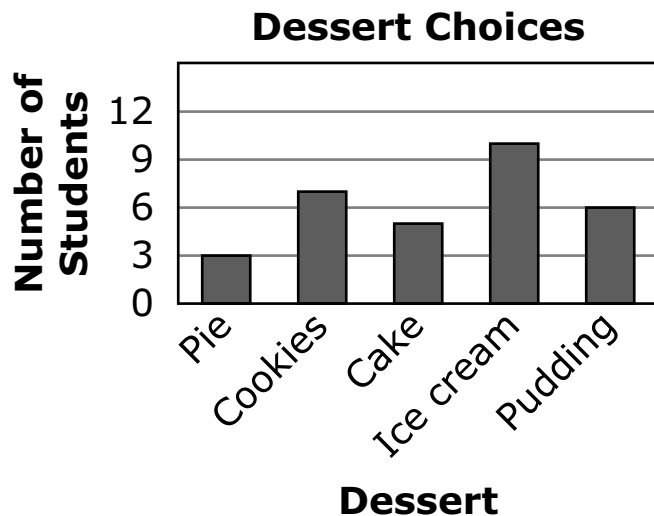


Go on to the next page.

Practice

Practice answering this multiple-choice question by circling option C.

2. Students were asked to vote for their favorite dessert.



Which dessert received the most votes?

- A. Cookies
- B. Cake
- C. Ice cream
- D. Pudding

Go on to the next page.

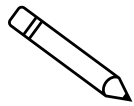
For fill-in-the-blank questions, you will need to write the answer in the space provided. You can also use this space to solve the question. The sample question shows you how to do this.

Note: Every fill-in-the-blank question includes instructions about which numbers and symbols can be used in your answer. It is important to follow these instructions when writing your answers.

Sample Question Answered in Test Book:

Please write your answer in the space below the question. You may use the digits: 0–9 and the symbols: slash for a fraction bar (/) and a decimal (.). If your answer is a mixed number, you must change it to an improper fraction or a decimal.

What is $15,000 + 1$?

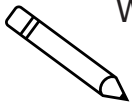

$$\begin{array}{r} 15000 \\ + \quad 1 \\ \hline 15001 \end{array}$$

Go on to the next page.

For some fill-in-the-blank questions, you will need to write answers with decimals. The sample question shows you how to do this.

Sample Question Answered in Test Book:

Please write your answer in the space below the question. You may use the digits: 0–9 and the symbols: slash for a fraction bar (/) and a decimal (.). If your answer is a mixed number, you must change it to an improper fraction or a decimal.



What is $\frac{1}{4}$ written as a decimal?

0.25

Go on to the next page.

Practice

Practice answering this question in the space provided by writing 0.3.

Please write your answer in the space below the question. You may use the digits: 0–9 and the symbols: slash for a fraction bar (/) and a decimal (.). If your answer is a mixed number, you must change it to an improper fraction or a decimal.

- 3.** What is the difference between 0.6 and 0.3?

Go on to the next page.

For some fill-in-the-blank questions, the answer may be a mixed number. It is important to change mixed numbers into improper fractions or decimals because a space is not an accepted symbol. If an answer is given as a mixed number, it will be marked as incorrect. The sample question shows you how to answer the question correctly.

Sample Question Answered in Test Book:

Please write your answer in the space below the question. You may use the digits: 0–9 and the symbols: slash for a fraction bar (/) and a decimal (.). If your answer is a mixed number, you must change it to an improper fraction or a decimal.

What is the sum of $3\frac{1}{2}$ and 4.25?

$$3\frac{1}{2} + 4.25$$

$$3\frac{1}{2} + 4\frac{1}{4}$$

$$3\frac{2}{4} + 4\frac{1}{4} = 7\frac{3}{4}$$

$$7\frac{3}{4} = 31/4$$

Go on to the next page.

Practice

Practice answering this question in the space provided by converting the answer $10 \frac{7}{8}$ to an improper fraction or a decimal. The improper fraction is $\frac{87}{8}$, and the decimal is 10.875.

Please write your answer in the space below the question. You may use the digits: 0–9 and the symbols: slash for a fraction bar (/) and a decimal (.). If your answer is a mixed number, you must change it to an improper fraction or a decimal.

4. Add $6\frac{1}{2}$ and $4\frac{3}{8}$.

