

**MCA Paper Student
Readiness Tool
Mathematics and Reading
Grades 5–6**

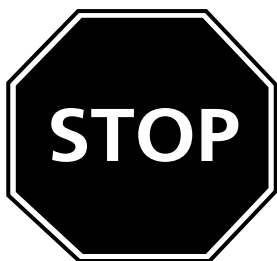


Symbols on the Test

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 arrow pointing to the right, with the text "Go on to the next page." written inside in bold black font.

Mathematics Test General Information


Put sticker
here

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



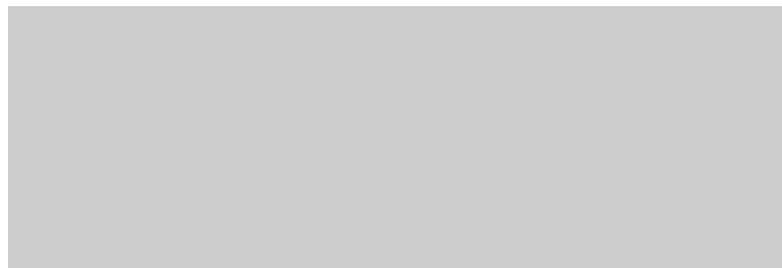
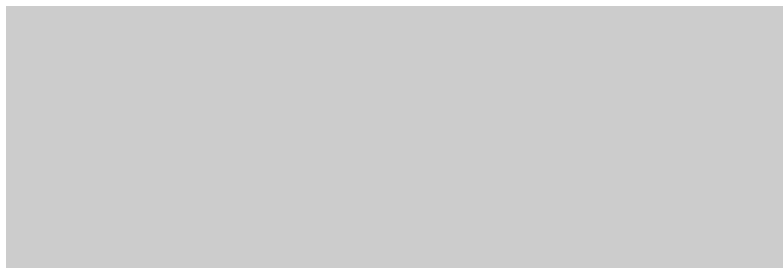

Segment 1

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.

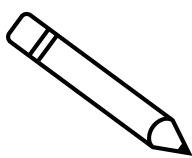
Go on to the next page.

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

Sample Question Answered in Test Book:

Add.

$$1 + 1$$



A. 1

B. 2

C. 3

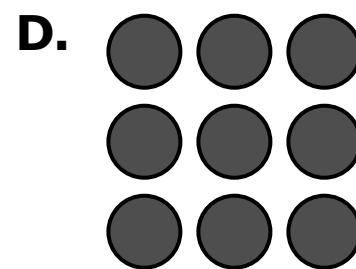
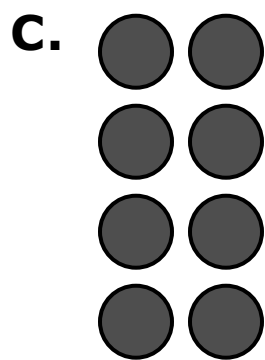
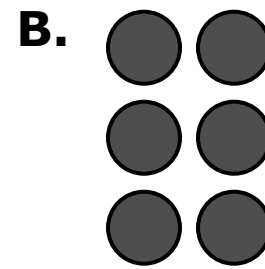
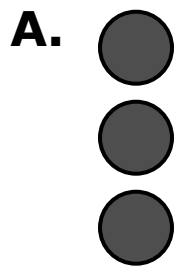
D. 4

Go on to the next page.

Practice

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

1. Which model shows 6?

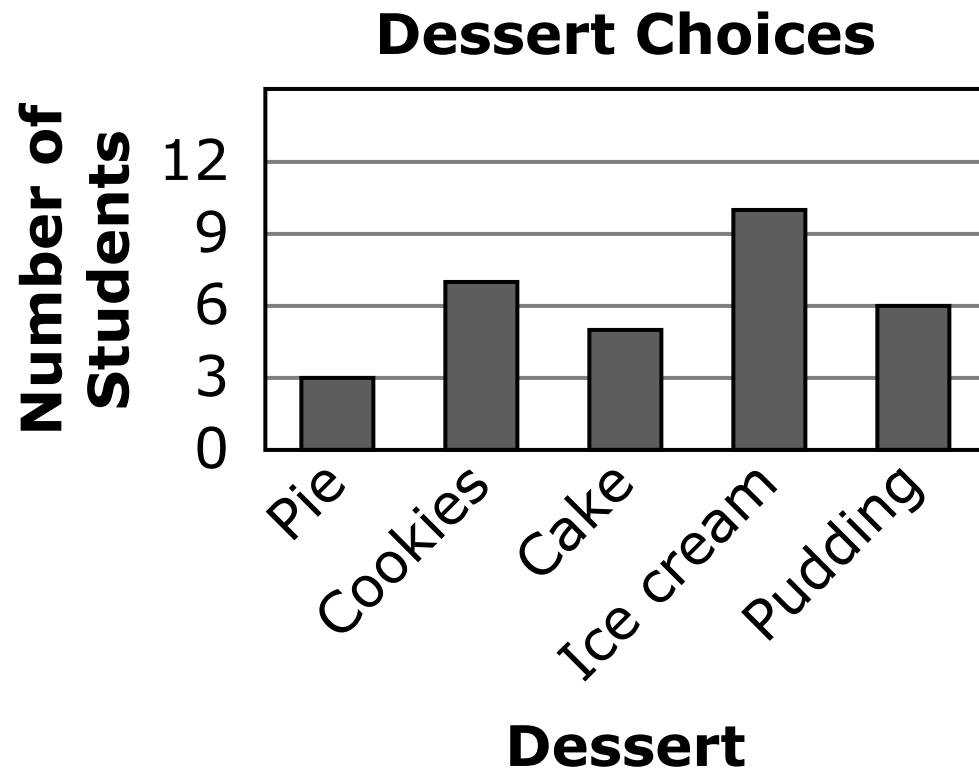


Go on to the next page. 

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.

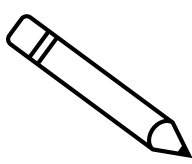
For fill-in-the-blank questions, you will need to write the answer in the space provided. You can also use this space to solve the question. The sample below shows you how to do this.

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 $15,000 + 1$?


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

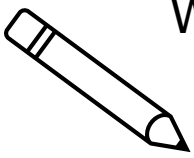
Go on to the next page.

For some fill-in-the-blank questions, you will need to write answers with decimals. The sample below 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 below 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?

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

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

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

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

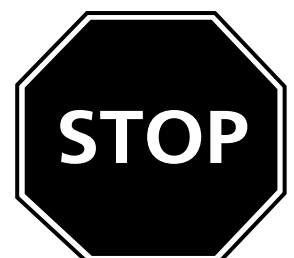
Go on to the next page. 

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.

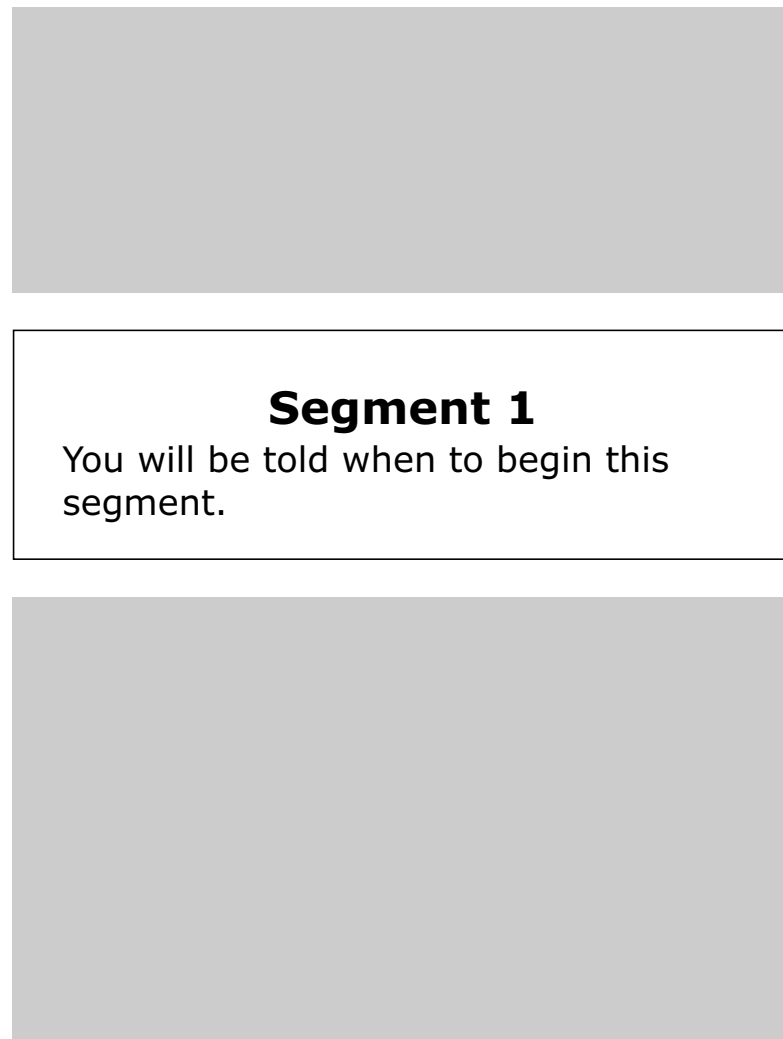
Please write your answer in the space below the question. You may use the digits: 0–9 and the symbols: slash for a fraction bar (/) and a decimal (.). If your answer is a mixed number, you must change it to an improper fraction or a decimal.

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



Reading Test General Information

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



Put sticker
here

- In each segment, you will read a passage or passages before answering questions. There are different types of passages, such as poems, stories, and articles.
- You can write notes in your test book or on scratch paper, but you must answer each question in the test book.
- Your reading test includes multiple-choice questions only.

Go on to the next page.

Instructions are included at the top of each passage. Read the passage. Then answer each multiple-choice question by circling the answer in your test book. The sample below shows you how to do this.

Read this article about bats. Then answer the questions. Some questions may ask you about certain paragraphs. The paragraphs are numbered on the left side.

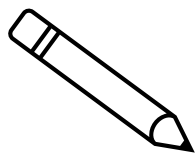
Creatures of the Night

written for the
Minnesota Department of Education

- 1 What is that flying around in the dark? Is it a bird? Is it a mouse? Is it a flying mouse?
- 2 Popular myths make bats seem frightening. However, they are actually helpful creatures in danger of vanishing. Disease and human beings are threats to bats. Most bats live only ten to twenty years. For these reasons, bats face an uncertain future. Hopefully, people will take notice of these interesting and useful creatures before they disappear from the planet.

Sample Question Answered in Test Book:

According to paragraph 2, how long do most bats live?



- A.** Five to nine years
- B.** Ten to twenty years
- C.** Thirty to forty years
- D.** Fifty to one hundred years

Go on to the next page.

Practice

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

Read this article about bats. Then answer the questions. Some questions may ask you about certain paragraphs. The paragraphs are numbered on the left side.

Put sticker
here

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1. Which creatures is this article about?

- A.** Mice
- B.** Dogs
- C.** Bats
- D.** Cats

