



STAR[™]
Math

Pretest Instructions

It is extremely important that you follow standard testing procedures when you administer the STAR Math test to your students. Before you begin testing, please check the following:

- Make sure you have provided enough note paper and sharpened pencils for the students to use during the test.
- Explain the test to your students. The Pretest Instructions will walk you through a basic orientation with your students.
- Cover or remove any materials on the walls, whiteboard, and other areas that might help students answer the test items. Do NOT permit students to use calculators or other devices during the test.
- Arrange the desks or computer workstations so that students have enough room to work on the test. This should include enough space for note paper so that students can perform the necessary calculations for the test items.
- Make sure there is enough light and ventilation in the test area.
- Make sure the area is free from noise. Try to avoid distracting locations or times when other students, school bells, or public address announcements can interfere with student concentration.
- If any students are taking the test using audio, make sure the computer or tablet has a set of headphones plugged in and that the volume is set so the student can hear the audio clearly without disturbing other students.
- If you are administering the test with a tablet, make sure the battery is adequately charged before you begin.

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Teachers: Please read these instructions to your students before they take the STAR Math test. (You can use the enclosed materials to make handouts if you think it will help your students understand the test format.) Read each section aloud exactly as it is printed so that students know what to expect at each stage of the test.

Only students with assigned grades from K–12 will be allowed to take the test.

Read to Students: “You are going to take a test called STAR Math. It is a math test that has multiple-choice questions. You will answer the questions on a computer or a tablet but you can work the problems out on note paper.

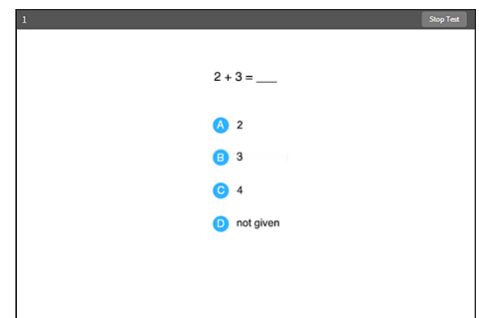
- *(if students are taking the STAR Math test):* There are 24 questions on the test, and it should take you somewhere between 15 and 30 minutes to answer all of the questions.
- *(if students are taking the STAR Math Enterprise test):* There are 34 questions on the test, and it should take you somewhere between 20 and 30 minutes to answer all of the questions.
- *(if students are in grade 7 or higher):* For some of the algebra and geometry questions, there will be an on-screen calculator and an on-screen formula reference sheet that you can use to answer the questions.
- *(if students are taking the STAR Math Enterprise test using audio):* Listen to the audio when a new question is presented to you. You will be able to pause, resume, or replay the audio if you need to.

“This test will probably be harder than other math tests you have taken. That is because STAR Math selects questions just for you to see how much you know about math. You will probably even see math concepts or problems that you have never been taught in school. This is normal for how this special type of test works. Try not to get frustrated by this. Just try to give the best answer to each problem and you will do fine.

“Do not worry if someone finishes the test before you because every test is different. Do not worry about how many questions you think you get right, or how many you think you get wrong. Everyone will probably miss some of the questions. The main goal is for you to do the best you can.”

Picture 1

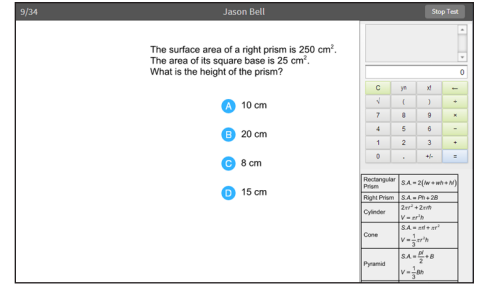
Each of the questions has a mathematical problem and a list of possible answers. Your job is to choose the best answer for the question. Sometimes the correct answer might not be one of the choices in the list. For example, in the problem shown in Picture 1, two plus three equals five, but five is not one of the possible answers. In this case, choose “not given” as your answer.



Picture 2

Some algebra and geometry questions will have an on-screen calculator and an on-screen formula reference sheet that you can use to answer the questions.

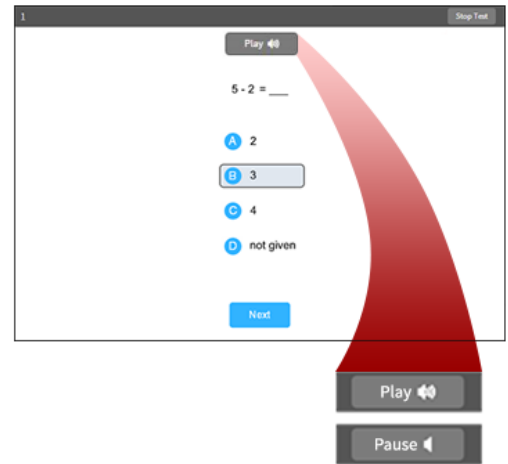
You can click or tap the calculator buttons, or press the keys on the keyboard to use the calculator. Use the scrollbar on the formula reference sheet to move up and down within it.



Picture 3

If you are using audio while taking the test, there will be a control in the upper part of the screen that you can use to pause, resume, or replay the audio for the current question.

You do *not* have to wait for the audio to finish before answering a question; you can enter your answer at any time.



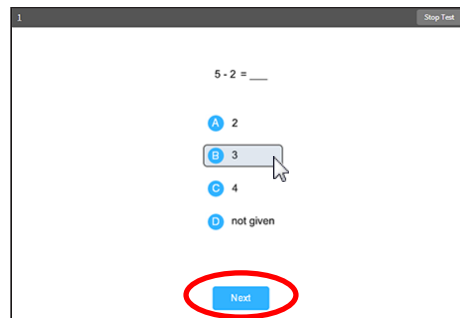
Picture 4

Choosing your answer is easy. Use any of these methods to choose and enter your answer. (You can change your answer choice *before* you enter it.) Each possible answer has a letter next to it (A, B, C, or D).

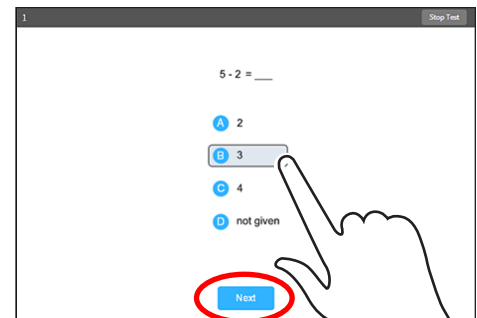
To answer with the **keyboard**, press the letter that matches the letter of your answer choice. Then, enter your answer choice by pressing **Enter** or **return**.

To answer with the **mouse**, click on your answer choice using the left mouse button. Then, enter your answer choice by clicking **Next** on the screen.

On a tablet, tap your answer choice. Then, enter your answer choice by tapping **Next**.



Mouse

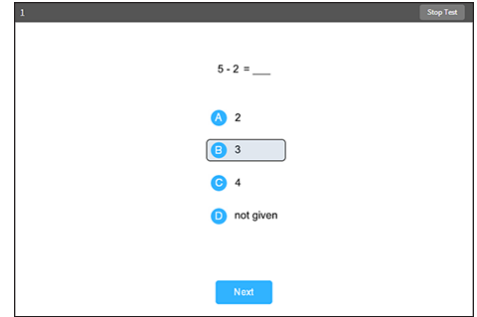


Tablet

Picture 5

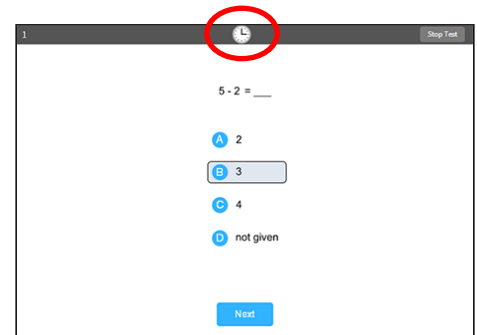
When you choose an answer, a blue highlight will appear around it (as shown). This only shows you which answer you selected. It does *not* mean that you selected the correct answer.

To change your answer, press the letter of your new answer choice, click on it with the mouse, or tap it (if you are using a tablet). The program will highlight your new choice. *You cannot change your answer after you press **Enter** or **return**, or tap or click **Next**.*



Picture 6

If you see a picture of a clock at the top of the screen, time is almost up for that question. Choose your answer quickly. If you don't choose an answer in time, you will see a message that says time is up for that question. The next question will come up in a few seconds, so be ready.



Picture 7

Before you take the test, you may get some practice questions. The practice questions look just like the real test. If you see this message when you are answering the practice questions, you should raise your hand and call the teacher or test monitor. He or she will know what to do.

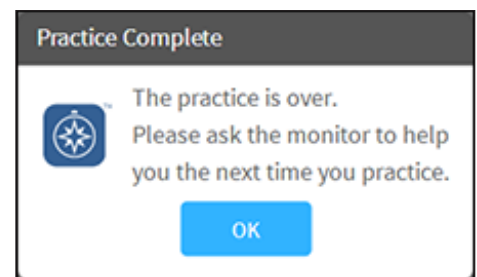
When you finish answering all of the practice questions, the program will show you this message: "Great job on the practice. Let's go to the test." The real test will start automatically. Relax and get ready; the first question will come up soon. Keep answering the questions until the computer tells you that you have finished the test.

Do not forget that you can work the math problems out on note paper. If you do not know the answer to a question, go ahead and choose what you think is the best answer.

When you are finished with the test, tell the teacher or test monitor that you are finished.

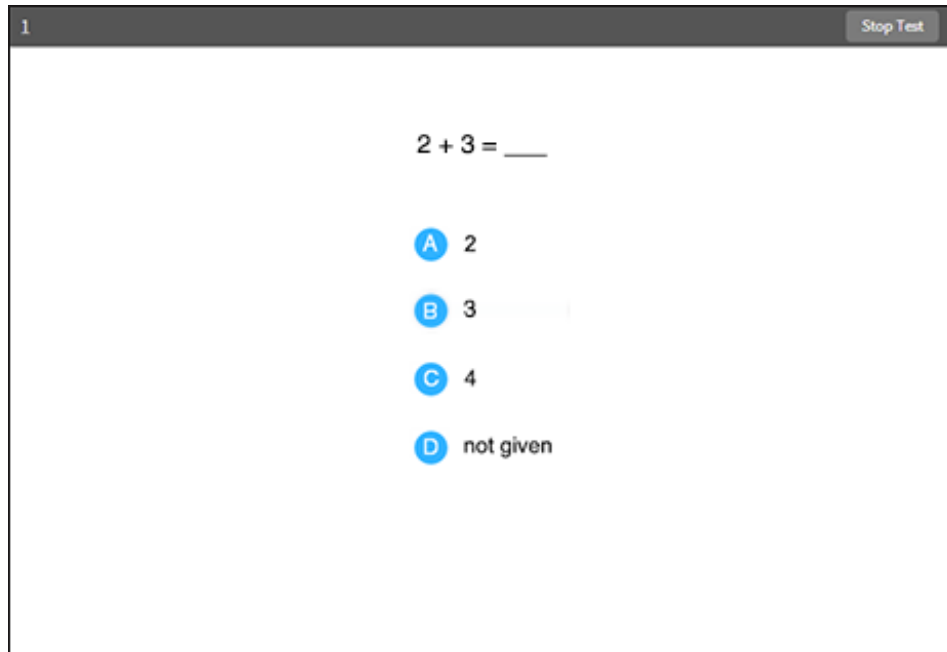
If you have any questions about this test, please ask them now. Once the test starts, the teacher or test monitor will *not* be able to explain any of the questions or help you choose an answer. Also, the teacher cannot tell you if you selected the right answer.

Have fun, and do your best!



Picture 1

This is what the questions look like.



Picture 2

Some algebra and geometry questions will have an on-screen calculator and an on-screen formula reference sheet that you can use to answer the questions.

You can click or tap the calculator buttons, or press the keys on the keyboard to use the calculator. Use the scrollbar on the formula reference sheet to move up and down within it.

9/34 Jason Bell Stop Test

The surface area of a right prism is 250 cm^2 .
 The area of its square base is 25 cm^2 .
 What is the height of the prism?

A 10 cm

B 20 cm

C 8 cm

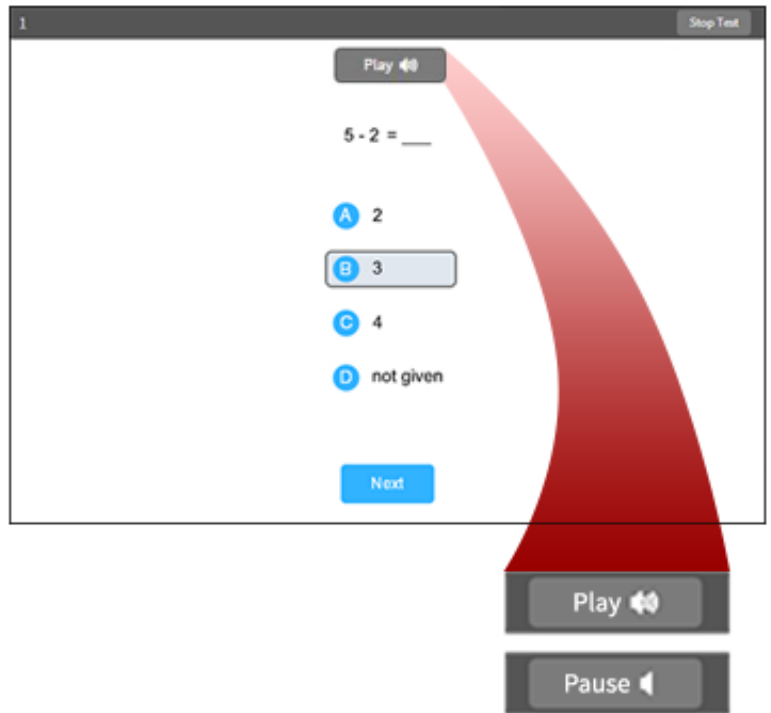
D 15 cm

Rectangular Prism	$S.A. = 2(w + wh + h)$
Right Prism	$S.A. = Ph + 2B$
Cylinder	$2\pi r^2 + 2\pi rh$ $V = \pi r^2 h$
Cone	$S.A. = \pi r l + \pi r^2$ $V = \frac{1}{3}\pi r^2 h$
Pyramid	$S.A. = \frac{Pl}{2} + B$ $V = \frac{1}{3}Bh$
Sphere	$S.A. = 4\pi r^2$ $V = \frac{4}{3}\pi r^3$

Picture 3

If you are using audio while taking the test, there will be controls in the upper part of the screen that you can use to pause, resume, or replay the audio for the current question.

You do *not* have to wait for the audio to finish before answering a question; you can enter your answer at any time.



Picture 4

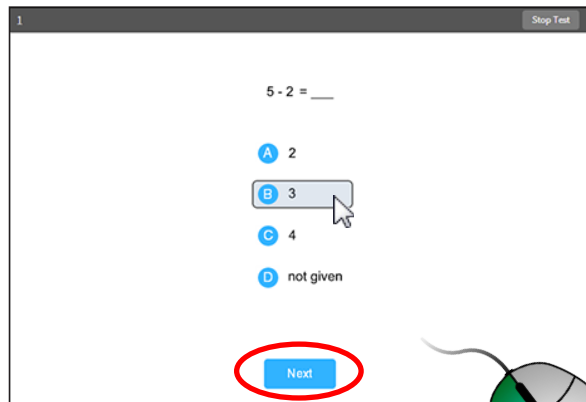
Each possible answer has a letter next to it (**A**, **B**, **C**, or **D**).

To answer with the *keyboard*, press the letter that matches the letter of your answer choice. Then, enter your answer choice by pressing **Enter** or **return**.



Keyboard

To answer with the *mouse*, click on your answer choice using the left mouse button. Then, enter your answer choice by clicking **Next** on the screen.



Mouse

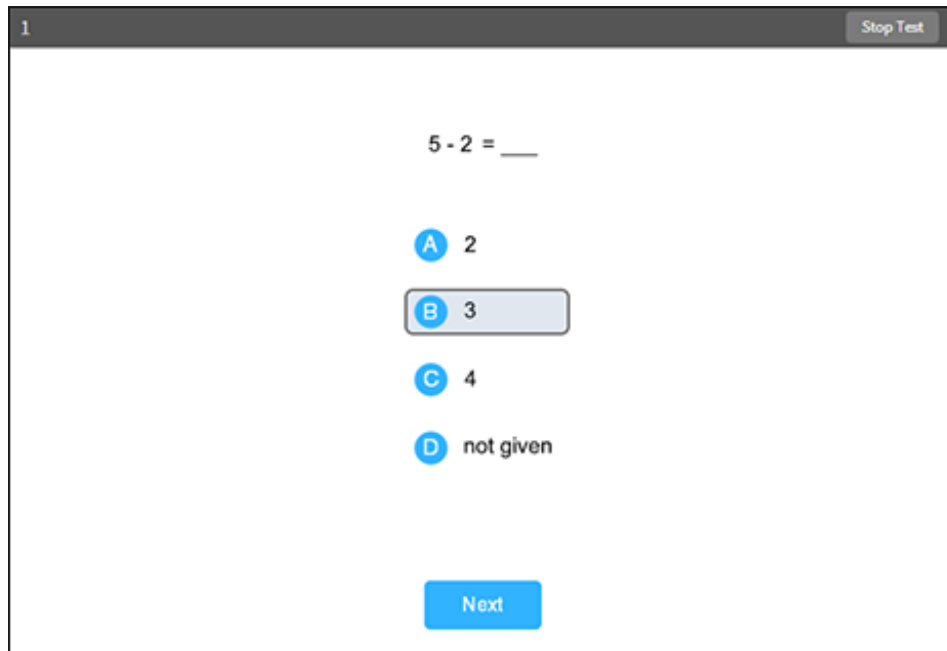
To answer on a *tablet*, tap your answer choice. Then, enter your answer choice by tapping **Next**.



Tablet

Picture 5

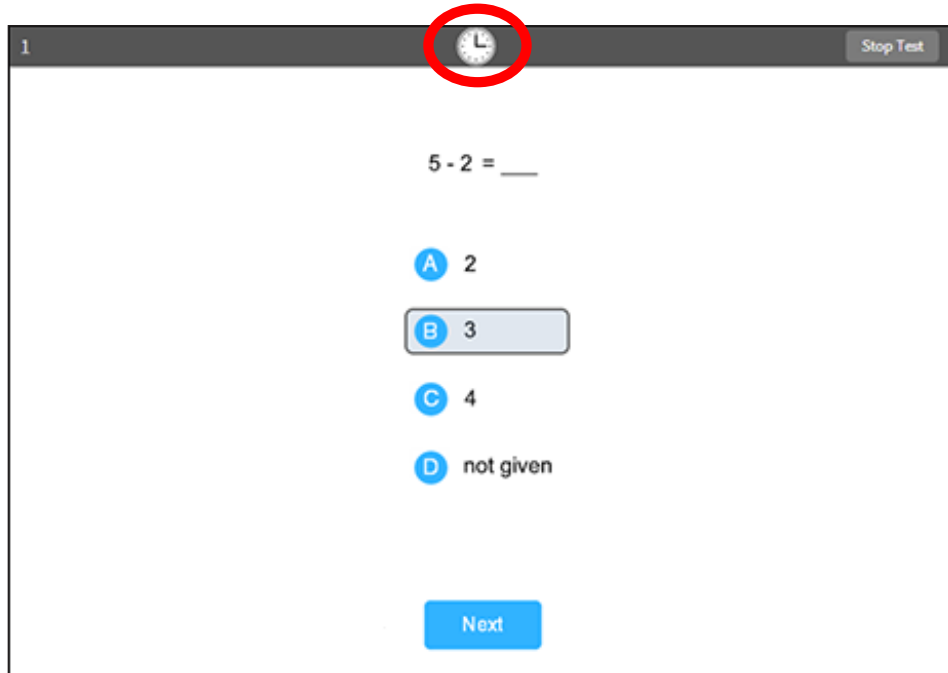
When you choose an answer, you'll see a blue highlight around your choice. This shows the answer you chose. It does *not* mean that you have selected the correct answer.



The screenshot shows a digital test interface. At the top left, the number '1' is displayed. At the top right, there is a 'Stop Test' button. The main content area displays the math problem $5 - 2 = \underline{\quad}$. Below the problem are four multiple-choice options, each with a letter in a blue circle: A 2, B 3, C 4, and D not given. Option B is selected, indicated by a blue highlight around the text 'B 3'. At the bottom center, there is a blue 'Next' button.

Picture 6

A clock in the top part of the screen means that time is almost up for this question. Choose your answer quickly.



Picture 7

If you see this message during the practice, raise your hand and ask the teacher or test monitor for help.

