

THE COLLEGE BOARD

Digital SAT Test Directions Translated into <LANGUAGE> for Students Spring 2019 School Day Testing Only

Notes to the Proctor

This document should be printed and distributed once students are seated.

Students may use this document to read translations of the directions that are read aloud or included in the Secure Browser.

Students may keep this document open and on their desk during the entire testing period.

Students may **not** be given additional time, unless approved by the College Board as a separate accommodation.

Collect this document from each student at the end of testing and securely destroy it.

Table of Contents

Notes to the Proctor	1
1 Notes to the Student.....	3
2 Digital SAT Standard Testing Script.....	4
2.1 Before the Test Begins.....	4
2.2 Preliminary Instructions.....	6
2.3 Section 1: Reading Test.....	9
2.3.1 Section 1 Test Directions.....	10
2.3.2 During the Break.....	11
2.4 Section 2: Writing and Language Test.....	11
2.4.1 Section 2 Test Directions.....	12
2.4.2 During Testing	13
2.5 Section 3: Math Test – No Calculator	13
2.5.1 Section 3 Test Directions.....	15
2.5.2 During Testing	17
2.5.3 During the Break.....	17
2.6 Section 4: Math Test – Calculator	17
2.6.1 Section 4 Test Directions.....	19
2.6.2 During Testing	21
2.6.3 During the Break.....	21
2.7 SAT Essay	21
2.7.1 SAT Essay Test Directions	23
2.7.2 During Testing	23
3 After the Test	24
3.1 Before Dismissing Students	24

1 Notes to the Student

- The following is a translation of the directions the proctor will read aloud as well as directions found in the College Board Secure Browser. Follow along as your proctor reads the English directions aloud. These translated directions may not match word-for-word what is read by your proctor; however, the pertinent information is the same. If you have questions about what is being read by your proctor, please raise your hand.
- Your proctor may skip some instructions that don't apply to your testing situation.
- You may keep this document on your desk for the entire testing time, but must return it to the proctor after testing.
- You may NOT use this document for scratch paper.
- At various times, your proctor will announce the time remaining in the section, as well as breaks when appropriate. If you are testing with an approved accommodation, these announcements may differ from the timing and breaks listed in this translated document. Please listen carefully to the announcements read by your proctor.
- If you are testing with approved accommodations, your proctor may give you additional directions in English.
- Icons are used throughout this document to draw your attention to specific information:



Important information



Directions spoken by your proctor




Directions found in the Secure Browser

2 Digital SAT Standard Testing Script

2.1 Before the Test Begins

If you are using headphones while testing, your proctor will signal you to let you know that they have an announcement.

When everyone is ready, your proctor will say:

-  Welcome to the SAT test administration. This is your chance to show how prepared you are for college and career.

Before we begin the test, I'm going to read some regulations and instructions. Please listen carefully, and hold any questions until I ask for them.

All students should have an equal opportunity to show their knowledge and skills on this test. For this reason, there are rules in place to make sure that no one has an unfair advantage. We'll dismiss and cancel the scores of anyone doing any of the following:


- Giving or receiving help of any kind on the test.
- Using a calculator during a non-calculator section (unless you have an approved accommodation).
- Using any unauthorized aids, including phones, during testing or during breaks.
- Sharing test questions with anyone during or after the test.
- Using or attempting to use the testing computer for any purpose other than testing.
- Exiting the testing window before the completion of this test administration.
- Attempting to take the test for someone else.

You may also be dismissed for:

- Eating or drinking in the testing room (unless you have an approved accommodation).
- Causing a disturbance of any kind.
- Failing to follow testing procedures.
- Going to your locker or leaving the building during breaks.

You will have until 11:59 p.m. Eastern Time on the fourth weekday from the end of the test to file a test-day complaint. If you see any behavior that causes you concern, please notify the test coordinator, who will explain how to contact the College Board. Does anyone have any questions about anything I've said so far?

(A) If your school collected students' personal belongings, your proctor will say:

-  By this time you should have turned in all phones or any other unauthorized electronic devices. If anyone still has a personal electronic device of any kind, please power it off and turn it in to me now, and it will be returned to you at the end of the test.

(B) If your school didn't collect students' personal belongings, your proctor will say:

- At this time, if you have a phone or any other unauthorized electronic device in your possession, you must completely power it off and put it away until the test is over. Any electronic device that isn't turned off and put away may be confiscated and its contents inspected as part of a thorough investigation.

If you brought snacks or drinks to have during a break, take them out and put them under your desk now. You won't be allowed to go into your bags during breaks.

Close all bags, and put them under your desk until the test is over.

Then your proctor will say:

- Now we're going to prepare to start the test.

Please remove everything from your desk except your pencils or pens, and calculator, if you brought one.

If you brought a backup calculator or extra batteries, please put them on your desk, as well. You may not share a calculator with another student at any time during the test or breaks.

Once everyone is ready, your proctor will say:

- Thank you. Please sit quietly while I take a moment to make sure everyone has an approved calculator.

Once everyone is ready, your proctor will say:

- You may not share or exchange calculators at any time. If you brought a calculator, put your calculator and extra batteries under your desk now. You won't need them until a later section.

If you have already participated in preadministration session, your proctor will distribute a test ticket to each student and one piece of scratch paper. The test ticket will have your name printed on it. Your proctor may ask you to present your ID to verify your name.

Your proctor will post the following information on the board:


- Today's date
- Test name (SAT or SAT with Essay)


To be filled in later:

- Session ID
- Start time
- Stop time (approximate)
- Break time


2.2 Preliminary Instructions

When all students have a test ticket and have completed the questionnaire, your proctor will say:


-  Please listen carefully to these instructions. Your computer should be on the Secure Browser sign-in screen. If you do not see the College Board sign-in screen, please raise your hand.
 - Type your **First Name** exactly as it is printed on your test ticket.
 - Type the **Registration Number** exactly as it is printed on your test ticket.
 - Type the **Session ID** exactly as it appears on the board.
 - Click **Sign In**.

-  If you receive an error when trying to sign in, please raise your hand and I'll assist you.


After all students have signed in, your proctor will say:

-  Now verify that the information is correct on the “Is This You?” page. If it’s accurate, click **Yes**. If any information is incorrect, raise your hand.


Then your proctor will say:

-  Please sit quietly and wait for approval. Look up when you see the “Waiting for Approval” message.


When everyone is ready and before approving all students, your proctor will say:

-  For each section, you will follow this same process for approval using your first name and registration number from your test ticket and a unique Session ID. You won’t be able to enter a section and begin the test until I approve you to do so. Before I approve everyone to begin testing, remember:
 - Throughout this test administration you must listen to all instructions for how to proceed.
 - Don’t exit or navigate away from the testing session or close your laptop until your test is complete. If you do, you could lose testing time or your test may be marked invalid.
 - During testing, keep your eyes on your device only.
 - If your device malfunctions while testing, raise your hand.
 - I will walk around the room to check your progress.
 - You’ll have breaks during the test when you can leave the room to have a snack or to use the restroom.

If you are testing with text-to-speech, your proctor will say:

-  Now you should see the text-to-speech sound check. Please follow the on-screen instructions and make a selection at the bottom of the screen. Then click **continue**. You must confirm that your sound settings are set and functioning each time you enter the test. To read the test items aloud, activate the text-to-speech using the context menu.


Once all students have been admitted, your proctor will say:

-  You are almost ready to begin. You should now see three boxes of information on your screen. The first is the Help Guide, which lists the test tools, buttons, and features available during the test. You can access this information during the test by clicking the question mark icon in the top right corner of your screen.

Once in the test and after you have read the directions, navigate through the test and move from question to question using the forward and backward arrows in the top left corner of the screen.

During the test you will also have access to a clock tool. You can view or hide the tool by clicking on the clock icon in the top right corner of your screen. Your clock will begin to count down the time you have remaining in the section. When your time for that section is up, you'll be automatically exited from the test. Are there any questions?

After all questions are answered, your proctor will say:

-  The second box shows the terms and conditions for this test. Take a few minutes to review these terms and conditions. You are agreeing not to share any specific test question with anyone, in any form of communication, including email, text message, online posts, or other use of the internet. Doing so may result in score cancellation or other possible sanction. When you have finished reading, click the box next to **"I agree to the Terms and Conditions."**

From this page, you may also view your test settings. These are auditory, visual, and concentration assistance test settings that have been set for you, if you have been approved for them. Confirm that all information on this page is accurate for your test. If any information is incorrect, raise your hand. If all information is correct, scroll to the bottom of the page and click **OK**.

Now select the **Start** button on your screen. You must select the check box in the terms and conditions for the button to be active.

Then your proctor will say:

- Please place your test ticket to the side; you'll need to refer to your registration number for the next test section. I'll collect the tickets once testing is finished.

You should now see a "Waiting for Approval" message. If you don't see this message, raise your hand.

See a translated screenshot of "You Are Almost Ready to Begin" page with the three boxes of information below:

You Are Almost Ready to Begin

Please review the following information and then click "Start" to begin.

Help Guide

The Help Guide and test rules can be accessed at any time by using the button on the top part of the test page.

[View instructions and Help](#)

Terms and Conditions

By checking the box below, you agree that you:

- Are the person whose name is printed on the test ticket as the participant taking this digital test
- Understand that all information presented in this test is solely owned by the College Board
- Are not to share any specific test question or response with anyone, in any form of communication, including email, text messages, internet posts, or other use of the internet
- Will not use any unauthorized aids, including cell phones and prohibited devices, during testing or on breaks
- Will abide by all SAT terms and conditions including the SAT Test Security and Fairness policies that appear in the SAT Student Guide and on this platform
- Understand that any violation of the terms and conditions could result in score cancellation, preventing you from taking any future tests, and, depending on the nature of the violation, reporting to law enforcement
- Understand that if your school provided any information about you to the College Board, the College Board may retain that information to provide the educational services related to this test, such as score reporting and scholarship eligibility and opportunities

I agree to the Terms and Conditions

Test Settings

Use this button to review your test settings.

[View Test Settings](#)

2.3 Section 1: Reading Test



The standard time for Section 1 is **65 minutes**, with a **10-minute break** at the end of the section. If you are testing with an approved accommodation, your timing and breaks may be different. Please listen carefully to the announcements read by your proctor. A translation of the test section directions appears following the translated spoken directions.

When students are ready, your proctor will say:



Please listen to these instructions for the Reading Test. Once we begin, you'll have 65 minutes to work on Section 1, the Reading Test. We will take a short break when this section is finished.

You may use the separate paper provided for scratch work. If you need additional scratch paper during testing, raise your hand at that time and I'll provide it to you.

Remember that you receive points for correct answers, but you don't lose points for incorrect answers. That means you should try to answer every question, even if you're not sure of the correct answer.

If you have any questions about testing procedures, please ask them now. I can't answer questions related to test content during the timed sections of the test. Are there any questions?

Test time will begin after I approve you and when test directions appear on your screen. When you have completed testing, please sit quietly and wait for further instruction. Do not close your laptop or turn off your device. Remember, after the test has ended, no one may leave the room until I announce a break or dismissal.

Then your proctor will say:



Read the directions, then use the navigation arrows to view the first test question and begin work.

Once you've started testing, your proctor will say:



Time starts now. Good luck.

2.3.1 Section 1 Test Directions



The following is a translation of the directions found at the beginning of Section 1 of your Secure Browser.


SAT Reading Test

52 Questions

DIRECTIONS

Each passage or pair of passages in this test is followed by a number of questions. After reading each passage or pair, choose the best answer to each question based on what is stated or implied in the passage and in any accompanying graphics (such as a table or graph). For reference, each paragraph is numbered. In some cases, one or more portions of the text may be highlighted to draw your attention to a point or points in the text referenced by the question.

When there are 5 minutes remaining in this section, you will see the pop-up message below appear on your screen. The message says, "You have 5 minutes remaining in this section." This pop-up message will appear in every section.

You have 5 minutes remaining in this section 

The following is a translation of the review page that will appear following every test section. The image below is an example of what you may see, the specific test section name is not included.

You have reached the end of this section:

Please review your answers before you continue testing. You **will not** be able to come back to these questions later.

Click on a question number below to review it.



You have marked questions. Review these questions before submitting your test.




This symbol indicates unanswered items.


Questions:

1	4 	7	10	13
2  	5	8 	11  	14  
3	6 	9	12 	15

Once the testing session has ended, your proctor will say:


-  The Reading Test is now complete. You should be on the Secure Browser sign-in page. If you don't see this screen, raise your hand.
I will now walk around and collect your scratch paper.

After all scratch paper is collected, your proctor will say:

-  Please don't exit out of the Secure Browser. We'll take a break now for 10 minutes. If you brought a snack, you may eat it in designated areas only. Don't go anywhere other than designated areas, the hallway, or the restroom. You may not access or use a phone or any other electronic device on this break or any other break during the test. All phones and other devices must remain powered off and put away until the test is over. Don't talk in the hallway or discuss test questions with anyone. Be considerate of those in other rooms. We will start testing again in exactly 10 minutes.

2.3.2 During the Break

At the end of the break, your proctor will say:


-  Please take your seat.
I will now hand out scratch paper for the next section of the test.

2.4 Section 2: Writing and Language Test




*The standard time for Section 2 is **35 minutes**. If you are testing with an approved accommodation, your timing and breaks may be different. Please listen carefully to the announcements read by your proctor. A translation of the test section directions appears following the translated spoken directions.*


When everyone is ready, your proctor will say:

-  As you did for the previous section, enter the Session ID posted on the board and sign in to the Secure Browser.

When everyone is signed in, your proctor will say:


-  Verify that the information is correct on the "Is This You?" page. If it's accurate, click **Yes**. You should then see a "Waiting for Approval" message. Please sit quietly and wait for approval.

Once all students are admitted, your proctor will say:

-  Now you should see the Help Guide and Test Settings boxes. Remember that you can access information about the test tools and features during the test by clicking the question mark icon in the top right corner of your screen.

Click **Start**. You should see a “Waiting for Approval” message. If you don’t see this message, raise your hand.

When everyone is ready, your proctor will say:


-  Before I approve everyone, please listen to these instructions for Section 2, the Writing and Language Test. You may use the separate paper provided for scratch work. If you need additional scratch paper during testing, raise your hand at that time and I’ll provide it.

Some questions in this section consist of only the four answer options. In these cases, choose the option that you think is the best choice in the context of the passage.

If you finish before the end of this section is announced, you may review your answers for this section only. If you complete your review, please sit quietly and wait for further instructions.

You have 35 minutes to work on the Writing and Language Test.

Then your proctor will say:

-  Once I approve your entry to the test, you will see test directions. Read the directions, then use the navigation arrows to view the first test question and begin work.

Once testing has started, your proctor will say:

-  Time starts now. Good luck.

2.4.1 Section 2 Test Directions



The following is a translation of the directions found at the beginning of Section 2 of your Secure Browser.

SAT Writing and Language Test

44 Questions

DIRECTIONS

Each passage in the test is accompanied by a number of questions. For some questions, you will consider how the passage might be revised to improve the expression of ideas. For other questions, you will consider how the passage might be edited to correct errors in sentence structure, usage, or punctuation. A passage or a question may be accompanied by one or more

graphics (such as a table or graph) that you will consider as you make revising and editing decisions.

Some questions will direct you to an underlined portion of a passage, Other questions will direct you to a location in a passage or ask you to think about the passage as a whole.

After reading each passage, choose the answer to each question that most effectively improves the quality of writing in the passage or that makes the passage conform to the conventions of standard written English. Many questions include a "NO CHANGE" option. Choose that option if you think the best choice is to leave the relevant portion of the passage as it is.

Some questions consist of **only** the four answer options. In these cases, choose the option that you think is the best choice in the context of the passage.

seekers an e-mail or text message when a relevant job has been posted. Knowing how to use these features and navigate the sites **5** make it much easier for job seekers to connect with employers.

5

(A) NO CHANGE

(B) makes


(C) are making

(D) have made

2.4.2 During Testing

Your proctor will post the start and approximate stop times on the board.

When the testing session has ended, your proctor will say:


-  The Writing and Language Test is now complete. You should be on the Secure Browser sign-in page. If you don't see this screen, raise your hand.

2.5 Section 3: Math Test – No Calculator




The standard time for Section 3 is **25 minutes**, with a **5-minute break** at the end of the section. If you are testing with an approved accommodation, your timing and breaks may be different. Please listen carefully to the announcements read by your proctor. A translation of the test section directions appears following the translated spoken directions.


When everyone is ready, your proctor will say:

-  As you did for the previous section, enter the Session ID posted on the board and sign in to the Secure Browser.

When everyone is signed in, your proctor will say:


-  Verify that the information is correct on the “Is This You?” page. If it’s accurate, click **Yes**. You should then see a “Waiting for Approval” message. Please sit quietly and wait for approval.

Once all students are admitted, your proctor will say:

-  Now you should see the Help Guide and Test Settings boxes. Remember that you can access information about test tools and features during the test by clicking the question mark icon in the top right corner of your screen.

Click **Start**. You should see a “Waiting for Approval” message. If you don’t see this message, raise your hand.

When everyone is ready, your proctor will say:

-  Before I approve everyone to begin testing, please listen to these instructions for Section 3, the Math Test without Calculator.


Although this is a math section, you are not allowed to use a calculator on this section of the test, unless you are approved to use a four-function calculator as an accommodation. Please keep your calculator under your desk. For the questions that ask you to enter your answer in the box, follow the directions in the test for entering your answers. For these questions, don’t begin any answer with a zero.

If you need additional scratch paper during testing, raise your hand at that time and I’ll provide it.

If you finish before the end of this section is announced, you may review your answers for this section only. If you complete your review, please sit quietly and wait for further instructions.

You have 25 minutes to work on the Math Test without Calculator.

Then your proctor will say:

-  Once I approve your entry to the test, you will see test directions. Read the directions, then use the navigation arrows to view the first test question and begin work.

Once testing has started, your proctor will say:

-  Time starts now. Good luck.

2.5.1 Section 3 Test Directions



The following is a translation of the directions found at the beginning of Section 3 of your Secure Browser.

SAT Math Test - No Calculator

20 Questions

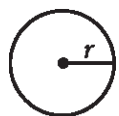
DIRECTIONS

For questions 1-15, solve each problem and choose the best answer from the choices provided. For questions 16-20, solve the problem and enter your answer in the answer box. Please refer to the directions before question 16 on how to enter your answer. You may use separate paper for scratch work.

NOTES

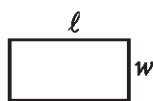
1. The use of a calculator **is not permitted**.
2. All variable and expressions used represent real numbers unless otherwise indicated.
3. Figures provided in this test are drawn to scale unless otherwise indicated.
4. All figures lie in a plane unless otherwise indicated.
5. Unless otherwise indicated, the domain of a given function f is the set of all real numbers x for which $f(x)$ is a real number.

REFERENCE

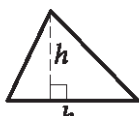


$$A = \pi r^2$$

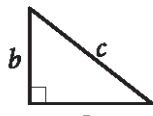
$$C = 2\pi r$$



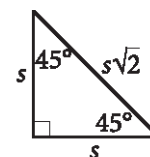
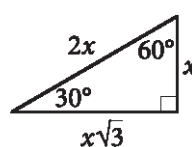
$$A = \ell w$$



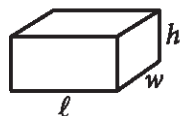
$$A = \frac{1}{2}bh$$



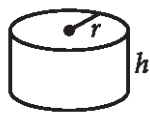
$$c^2 = a^2 + b^2$$



Special Right Triangles



$$V = \ell wh$$



$$V = \pi r^2 h$$



$$V = \frac{4}{3}\pi r^3$$



$$V = \frac{1}{3}\pi r^2 h$$



$$V = \frac{1}{3}\ell wh$$

The number of degrees of arc in a circle is 360.

The number of radians of arc in a circle is 2π

The sum of the measures in degrees of the angles of a triangle is 180.

For questions 16 - 20, solve the problem and enter your answer in the box as described below.

1. Only the numbers zero through nine, the decimal point, and the fraction line (/) can be entered in the answer box.
2. No question has a negative answer.
3. Some problems may have more than one correct answer. In such cases, enter only one answer.
4. **Mixed numbers** such as $3\frac{1}{2}$ must be entered as 3.5 or 7/2. (If 3 1/2 is entered in the answer box, it will be interpreted as $\frac{31}{2}$, not $3\frac{1}{2}$.)
5. **Decimal answers:** The answer box allows for 4 characters total. If you obtain a decimal answer with more than 4 characters, it may be either rounded or truncated, but 4 characters must be entered in the box.
6. **Leading zeros:** Do not begin your answer with a zero.
7. Examples include:

Answer	Acceptable way(s) to enter answer	Unacceptable; will NOT receive credit
$\frac{7}{12}$	7/12 .583	0.58
2.5	2.5 2.50 5/2	21/2
$\frac{2}{3}$	2/3 .666 .667	0.66 0.67


NOTES

1. The use of a calculator **is not permitted**.
2. All variables and expressions used represent real numbers unless otherwise indicated.
3. Figures provided in this test are drawn to scale unless otherwise indicated.
4. All figures lie in a plane unless otherwise indicated.
5. Unless otherwise indicated, the domain of a given f is the set of all real number x for which $f(x)$ is a real number.


2.5.2 During Testing

Your proctor will post the start and approximate stop times on the board.

When the testing session has ended, your proctor will say:


-  The Math Test without Calculator is now complete. You should be on the Secure Browser sign-in page. If you don't see this screen, raise your hand.
I'll collect your scratch paper.

After all scratch paper is collected, your proctor will say:

-  Please don't exit out of the Secure Browser. We'll take a break now for 5 minutes. If you brought a snack you may eat it in designated areas only. Don't go anywhere other than designated areas, the hallway, or the restroom. You may not access or use a phone or any other electronic device on this break or any other break during the test. All phones and other devices must remain powered off and put away until the test is over. Don't talk in the hallway or discuss test questions with anyone. Be considerate of those in other rooms. We will start testing again in exactly 5 minutes.

2.5.3 During the Break

At the end of the break, your proctor will say:


-  Please take your seat.
I will now hand out scratch paper for the next section of the test.

2.6 Section 4: Math Test – Calculator




The standard time for Section 4 is **55 minutes**. If you are testing with an approved accommodation, your timing and breaks may be different. Please listen carefully to the announcements read by your proctor. A translation of the test section directions appears following the translated spoken directions.


When everyone is ready, your proctor will say:

-  As you did for the previous section, enter the Session ID posted on the board and sign in to the Secure Browser.

When everyone is signed in, your proctor will say:


-  Verify that the information is correct on the “Is This You?” page. If it's accurate, click **Yes**. You should then see a “Waiting for Approval” message. Please sit quietly and wait for approval.

Once all students are admitted, your proctor will say:

-  Now you should see the Help Guide and Test Settings boxes. Remember that you can access information about the test tools and features during the test by clicking the question mark icon in the top right corner of your screen.

Click **Start**. You should see a “Waiting for Approval” message. If you don’t see this message, raise your hand.

When everyone is ready, your proctor will say:

-  Before I approve everyone to begin testing, please listen to these instructions for Section 4, the Math Test with Calculator. For this section you may use a calculator. If you brought a calculator, please take it out and place it on your desk. You also have access to the graphing calculator tool for this section. Click the calculator icon in the toolbar to use this tool during the test.

When using a calculator, follow these guidelines:

- Keep it flat on your desk or hold it so that other students can’t view your work.
- Don’t share or exchange your calculator.
- If you brought a backup calculator, keep it under your desk.
- If your calculator malfunctions and you have batteries or a backup calculator, raise your hand. I will see if your substitute is acceptable. If you don’t have a backup, continue to test. Remember, you may also use the calculator tool. All math questions can be answered without a calculator.

You may use the separate paper provided for scratch work. If you need additional scratch paper during testing, raise your hand at that time and I’ll provide it.


For the questions that ask you to enter your answer in the box, follow the directions in the test for entering your answers. For these questions, don’t begin any answer with a zero.

If you finish before the end of this section is announced, you may review your answers for this section only. Once you complete your review, please sit quietly and wait for further instructions.

Are there any questions?

You have 55 minutes to work on the Math Test with Calculator.

Then your proctor will say:

-  Once I approve your entry to the test, you will see test directions. Read the directions, then use the navigation arrows to view the first test question and begin work.

Once testing has started, your proctor will say:

-  Time starts now. Good luck.

2.6.1 Section 4 Test Directions



The following is a translation of the directions found at the beginning of Section 4 of your Secure Browser.

SAT Math Test - Calculator

38 Questions

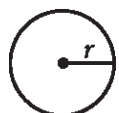
DIRECTIONS

For questions 1-30, solve each problem and choose the best answer from the choices provided. For questions 31-38, solve the problem and enter your answer in the answer box. Please refer to the directions before question 31 on how to enter your answer. You may use separate paper for scratch work.

NOTES

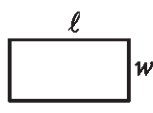
1. The use of a calculator **is permitted**.
2. All variable and expressions used represent real numbers unless otherwise indicated.
3. Figures provided in this test are drawn to scale unless otherwise indicated.
4. All figures lie in a plane unless otherwise indicated.
5. Unless otherwise indicated, the domain of a given function f is the set of all real numbers x for which $f(x)$ is a real number.

REFERENCE

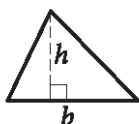


$$A = \pi r^2$$

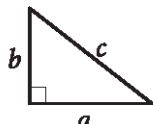
$$C = 2\pi r$$



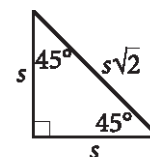
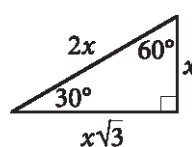
$$A = \ell w$$



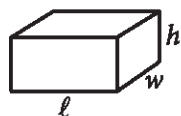
$$A = \frac{1}{2}bh$$



$$c^2 = a^2 + b^2$$



Special Right Triangles



$$V = \ell wh$$



$$V = \pi r^2 h$$



$$V = \frac{4}{3}\pi r^3$$



$$V = \frac{1}{3}\pi r^2 h$$



$$V = \frac{1}{3}\ell wh$$

The number of degrees of arc in a circle is 360.

The number of radians of arc in a circle is 2π

The sum of the measures in degrees of the angles of a triangle is 180.

For questions 31 - 38, solve the problem and enter your answer in the box as described below.

1. Only the numbers zero through nine, the decimal point, and the fraction line (/) can be entered in the answer box.
2. No question has a negative answer.
3. Some problems may have more than one correct answer. In such cases, enter only one answer.
4. **Mixed numbers** such as $3\frac{1}{2}$ must be entered as 3.5 or 7/2. (If $3\frac{1}{2}$ is entered in the answer box, it will be interpreted as $\frac{31}{2}$, not $3\frac{1}{2}$.)
5. **Decimal answers:** The answer box allows for 4 characters total. If you obtain a decimal answer with more than 4 characters, it may be either rounded or truncated, but 4 characters must be entered in the box.
6. **Leading zeros:** Do not begin your answer with a zero.

Examples include:


Answer	Acceptable way(s) to enter answer	Unacceptable; will NOT receive credit
$\frac{7}{12}$	7/12 .583	0.58
2.5	2.5 2.50 5/2	21/2
$\frac{2}{3}$	2/3 .666 .667	0.66 0.67

NOTES

1. The use of a calculator **is permitted**.
2. All variables and expressions used represent real numbers unless otherwise indicated.
3. Figures provided in this test are drawn to scale unless otherwise indicated.
4. All figures lie in a plane unless otherwise indicated.
5. Unless otherwise indicated, the domain of a given f is the set of all real number x for which $f(x)$ is a real number.

2.6.2 During Testing

When the testing session has ended, your proctor will say:

-  The Math Test with Calculator is now complete. You should be on the Secure Browser sign-in page. If you don't see this screen, raise your hand.
I'll collect your scratch paper.


If you are taking the SAT (no Essay), testing has concluded and your proctor will proceed to After the Test. If you are taking the SAT with Essay, continue reading the instructions that follow.

After all scratch paper is collected, your proctor will say:

-  Please don't exit out of the Secure Browser. Place your calculator under your desk. You will now have a few minutes to stretch. Do not discuss test questions during the break or leave the testing room without permission.
We'll start testing again in 2 minutes.

2.6.3 During the Break

At the end of the break, your proctor will say:


-  Please take your seat.
I will now hand out scratch paper for the next section of the test.

2.7 SAT Essay




*The standard time for the SAT Essay is **50 minutes**. If you are testing with an approved accommodation, your timing and breaks may be different. Please listen carefully to the announcements read by your proctor. A translation of the Essay directions appears following the translated spoken directions.*


When everyone is ready, your proctor will say:

-  As you did for the previous section, enter the Session ID posted on the board and sign in to the Secure Browser.

When everyone is signed in, your proctor will say:

-  Verify that the information is correct on the "Is This You?" page. If it's accurate, click **Yes**. You should then see a "Waiting for Approval" message. Please sit quietly and wait for approval.

Once students have been admitted, your proctor will say:

-  Now you should see the Help Guide and Test Settings boxes. There is an additional box with a statement about the use of your essay. Take a moment to read the statement, then make a selection from the listed responses. When you have finished reading, please look up.

Click **Start**. You should see a “Waiting for Approval” message. If you don’t see this message, raise your hand.

See the translation of the Essay release statement below:


Essay Release

Please take a moment to read the statement below.

I understand that my essay (without my name) may be reproduced in other College Board materials for research purposes. If I withhold my permission to reproduce my essay for any purposes beyond score reporting and the assessment of my writing skills, it will have no effect on my score, nor will it prevent my essay from being made available to any college to which I send my SAT scores.

- Yes, I give my permission.
- No, I withhold my permission.

When everyone is ready, your proctor will say:

-  Before I approve everyone to begin testing, please listen to these instructions for Section 5, the SAT Essay.

You may use the separate paper provided for making notes and planning your essay, but anything written there won’t be scored. If you need additional scratch paper during testing, raise your hand at that time and I’ll provide it. When you are ready, start typing your essay in the document window in the College Board Secure Browser.


Remember that the clock tool is available throughout the test to monitor your progress.

If you finish before the end of this section is announced, you may review your work for this section only. If you complete your review, please sit quietly and wait for further instructions.

Are there any questions?

You have 50 minutes to work on the SAT Essay.

Then your proctor will say:

-  Once I approve your entry to the test, you will see test directions. Read the directions, then use the navigation arrows to view the essay prompt and begin work.

Once testing has started, your proctor will say:

 Time starts now. Good luck.

2.7.1 SAT Essay Test Directions



The following is a translation of the directions found on your Secure Browser.

SAT Essay

DIRECTIONS


The essay gives you an opportunity to show how effectively you can read and comprehend a passage and write an essay analyzing the passage. In your essay, you should demonstrate that you have read the passage carefully, present a clear and logical analysis, and use language precisely.

Read the passage and in the space provided, type an essay in response to the prompt provided. An off-topic essay will not be evaluated.

2.7.2 During Testing


Your proctor will post the start and approximate stop times on the board.

When the testing session has ended, your proctor will say:

 The SAT Essay is now complete. You should be on the Secure Browser sign-in page. If you don't see this screen, raise your hand.
I'll collect your scratch paper.

3 After the Test

To all students, your proctor will say:

 Congratulations—you just finished the test!

Now please listen to this important information. If you wish to cancel your scores, you must notify the College Board in writing no later than 11:59 p.m. Eastern Time on the fourth weekday from today.


If you cancel your scores, they will still be sent to the state and district and will be accessible to your school, but they will not be sent to your chosen colleges or scholarship organizations or be available in the College Board’s reporting system.

3.1 Before Dismissing Students


To all students, your proctor will say:

 I’ll now collect your test ticket. Please sit quietly until you’re dismissed.


After all materials are accounted for, your proctor will say:

 In just a moment, I’m going to dismiss you. Remember: you must not, under any circumstances, take any test questions from the testing room or discuss them with anyone through any means, including email, text messages, or the internet.


To students who took the SAT with Essay, your proctor will say:

 In addition, you aren’t permitted to discuss or share today’s essay prompt until after the essay is available online.

If students need to collect their belongings, your proctor will say:

 This test administration is now over. As you prepare to leave, please come up and retrieve your personal belongings that I collected from you earlier. Once you have all your belongings, you may exit the room quietly. Please keep in mind that students in other rooms may still be testing. Congratulations again and thank you for your participation and for all of your hard work.

If students have all their belongings, your proctor will say:

 This test administration is now over. Gather your belongings, and exit the room quietly. Please keep in mind that students in other rooms may still be testing. Congratulations again and thank you for your participation and for all of your hard work.