



# *Alaska*

## Comprehensive System of Student Assessment (CSSA)

Reading, Writing, and Mathematics

Grade 10 SBA–HSGQE  
HSGQE Retest

### **Practice Test Administration Directions**



---

Alaska Department of Education & Early Development

# Table of Contents

---

<b><i>Purpose of the Alaska Practice Tests .....</i></b>	<b><i>1</i></b>
Overview of Practice Tests and Ancillary Documents .....	1

---

<b><i>Practice Test Design.....</i></b>	<b><i>2</i></b>
Practice Test Design for Grade 10 .....	2

---

<b><i>Practice Test Administrator’s Checklists .....</i></b>	<b><i>3</i></b>
Before the Practice Test .....	3
During the Practice Test.....	4
After the Practice Test.....	5

---

<b><i>Printing and Preparing Practice Tests.....</i></b>	<b><i>6</i></b>
Detailed Instructions to Access EED Website .....	6

---

<b><i>Specific Directions for Administration of the Grade 10 Reading Practice Test .....</i></b>	<b><i>7</i></b>
--	-----------------

---

<b><i>Specific Directions for Administration of the Grade 10 Writing Practice Test .....</i></b>	<b><i>12</i></b>
--	------------------

---

<b><i>Specific Directions for Administration of the Grade 10 Mathematics Practice Test .....</i></b>	<b><i>20</i></b>
--	------------------

# ***Purpose of the Alaska Practice Tests***

Alaska Comprehensive System of Student Assessment, Standards Based Assessment Practice Tests are designed to provide students with practice in responding to the different item types that appear in the operational assessments. The focus of the practice tests is usability; the items have the look and feel of the regular statewide operational assessments, and the students will gain experience as they navigate through the documents. Students are provided with the opportunity to increase test-taking skills as they read passages, prompts, and stems, and as they respond to items by either shading in a circle or by writing a response within a designated number of lines or in the space provided in the practice test book.

## **Overview of Practice Tests and Ancillary Documents**

The Alaska Grade 10 Practice Tests address the same subject areas as the regular statewide assessment—reading, writing, and mathematics—and are composed of items that have been reviewed by Alaska educators.

The reading practice test includes 5 passages followed by passage-dependent multiple-choice items. The second passage includes one passage-dependent extended constructed-response item, and the last passage includes one passage-dependent short constructed-response item. Answer keys, sample student responses, and annotated scoring guidelines are included in the *Reading Practice Test Scoring Guide*. It is posted on the Alaska Education and Early Development (EED) Website ([http://www.eed.state.ak.us/tls/assessment/SBA\\_ItemSamplers.html](http://www.eed.state.ak.us/tls/assessment/SBA_ItemSamplers.html)). Detailed directions to access this website appear on page 7 in the section titled *Detailed Instructions to Access EED Website*.

The writing practice test includes 15 multiple-choice items, 7 stand-alone items, and 8 stimulus-based items. Three additional items are also provided: one 6-point extended constructed-response, one 4-point extended constructed-response, and one 2-point short constructed-response. As in reading, answer keys, scoring guidelines, sample student responses, and annotated scoring guidelines are included in the *Writing Practice Test Scoring Guide* posted on the EED Website ([http://www.eed.state.ak.us/tls/assessment/SBA\\_ItemSamplers.html](http://www.eed.state.ak.us/tls/assessment/SBA_ItemSamplers.html)).

The mathematics practice test includes 18 multiple-choice items, one short constructed-response, and one extended constructed-response item. As presented in the reading and writing practice test, answer keys, item-specific rubrics, sample student responses, and annotated scoring guidelines are included in the *Mathematics Practice Test Scoring Guide* posted on the EED Website ([http://www.eed.state.ak.us/tls/assessment/SBA\\_ItemSamplers.html](http://www.eed.state.ak.us/tls/assessment/SBA_ItemSamplers.html)). The operational assessment includes items that address measurement; however, measurement items are not included in the mathematics practice tests because teachers will download the practice tests from the Alaska Education and Early Development Website ([http://www.eed.state.ak.us/tls/assessment/SBA\\_ItemSamplers.html](http://www.eed.state.ak.us/tls/assessment/SBA_ItemSamplers.html)) and print them on local computers. When printing occurs using local computers, measurement items (that require a ruler) may be scaled differently than the actual figure that appears on the PDF, and true measurement cannot be achieved. Teachers are encouraged, however, to include measurement items on their regular classroom tests.

*Practice Test Administration Directions* are presented in an easy-to-read format for the teacher, and they are designed to mirror instructions for the regular assessment. Scoring of the practice tests occurs at the classroom level. Answer keys, scoring guidelines for scoring constructed-response items, sample student responses, and test maps that align items to Alaska Grade Level Expectations are conveniently located in the *Practice Test Scoring Guides* posted on the EED Website.

## Practice Test Design

One practice test per grade level is available for grades 3 through 10. The practice test design for each grade is consistent with each operational test beginning with one, two, or three sample items appearing before the practice test for that grade level. Some sample items in the content areas are appropriate for several grade levels and may appear in more than one practice test.

To provide students with practice for the operational administration, the reading practice test is contained in one document, and the writing and mathematics practice tests are contained in a second document. At grade 10, students are presented with one combined test book and answer booklet that contains the reading practice test book and answer booklet and a second combined test book and answer booklet that contains writing and mathematics practice tests. There is no separate answer booklet.

After reading the test instructions to students, teachers are encouraged to allow students to ask questions about navigation and use of the practice tests. Students should be encouraged to read each item carefully because the practice tests, like the operational tests, are not timed.

### Practice Test Design for Grade 10

Content Area	Passages	MC	CR	Total Items
Reading	5	30	2	32
Writing		15	3	18
Mathematics		18	2	20

**Important:** The practice tests were developed for usability purposes only and in no way should the tests or scores students receive be considered a predictor of a student's ability to perform on the *Standards Based Assessments*. Passages, prompts, stimuli, and items are samples of what students will see on the operational tests. Items are not necessarily the same in terms of measurement, rigor, or the length of time it takes a student to respond.

# ***Practice Test Administrator's Checklists***

## **Before the Practice Test**

- 1** Explain the purpose of the practice tests to the students. Answer any questions they may have about the practice test administration procedures. The practice tests are not secure tests. Permission is granted for downloading, printing, and duplicating for use in the classroom.  
NOTE: The Standards Based Assessments that students complete in the spring ARE secure and may NOT be reproduced in any form.
- 2** Read the *Practice Test Administration Directions*. Be thoroughly familiar with how to administer the practice tests.
- 3** Plan when to administer the practice tests. Best practice indicates that only one practice test should be administered per day.
- 4** Download the practice tests from  
([http://www.eed.state.ak.us/tls/assessment/SBA\\_ItemSamplers.html](http://www.eed.state.ak.us/tls/assessment/SBA_ItemSamplers.html)).
- 5** Print one copy of each practice test for the grade level test you will be administering (see the section *Printing and Preparing Practice Tests*).
- 6** Prepare a sufficient number of combined practice test books/answer booklets.
- 7** Check to be sure you have the following materials:
  - ☐ one combined practice test book/answer booklet for each student
  - ☐ sharpened No. 2 pencils, with erasers
  - ☐ scratch paper
  - ☐ “Do Not Disturb” sign (not provided by DRC) for the door of the room in which the test is administered.
- 8** Like the directions of the operational assessments, the directions for the practice tests instruct students to “...sit quietly or read your book until everyone is finished.” Teachers may wish to have books available for their students.
- 9** Make sure students have a quiet testing environment. The room should have adequate space, good ventilation, and proper lighting.

# ***Practice Test Administrator's Checklists***

## **During the Practice Test**

- 1** Ensure the orderly distribution and collection of practice test materials.
- 2** Review with the students the rules for using combined practice test books/answer booklets.
  - ☐ Marks must be made in No. 2 pencil.
  - ☐ Marks must be dark and the circles filled in completely.
  - ☐ Erasures must be clean.
- 3** Remind students to use scratch paper to plan written responses in the writing practice test and work out problems for multiple-choice mathematics items.
- 4** Make sure students are marking in the correct places in their practice test answer booklets.

# ***Practice Test Administrator's Checklists***

## **After the Practice Test**

- 1** Collect all practice test books and scratch paper. Before dismissing students, count all practice test books to make sure that all materials have been returned.
- 2** Go to the EED Website ([http://www.eed.state.ak.us/tls/assessment/SBA\\_ItemSamplers.html](http://www.eed.state.ak.us/tls/assessment/SBA_ItemSamplers.html)) for access to the *Practice Test Scoring Guide*.
- 3** Score each student's practice test.

## ***Printing and Preparing Practice Tests***

Locate the practice tests on the EED Website

([http://www.eed.state.ak.us/tls/assessment/SBA\\_ItemSamplers.html](http://www.eed.state.ak.us/tls/assessment/SBA_ItemSamplers.html); see detailed instructions below.

Download the practice test(s) for printing. Open the PDF, select, and print the practice test(s). Pages will print one-at-a-time, with text on only one side of each page. Pages will not be printed in booklet form.

Arrange the pages in numerical order beginning with the cover of the practice test book. Teachers have the option of setting the copier to staple the pages together in the upper left-hand corner, or they may decide to staple the pages together by using two staples in the left margin—this will provide the student with a practice test book that resembles the operational test book.

### **Detailed Instructions to Access EED Website**

- 1** Type or copy and paste the link to the Alaska EED Website into your browser.  
[http://www.eed.state.ak.us/tls/assessment/SBA\\_ItemSamplers.html](http://www.eed.state.ak.us/tls/assessment/SBA_ItemSamplers.html)
- 2** Select the grade level assessment (or other document) you wish to download.
- 3** At this point you may save the file to your computer or print the file directly from the website. Printing from the website can be very time consuming. It is likely you will want to save the file(s) to your computer, then print.



## ***Specific Directions for Administration of the Grade 10 Reading Practice Test***

Distribute the practice test books. Check to see that each student has his or her own practice test book and a No. 2 pencil. **Read aloud what is printed within the shaded “SAY” boxes.** You must read what is printed within the “SAY” boxes exactly as written. There are opportunities for students to ask questions about the directions as indicated in the information printed outside the “SAY” boxes. Do not read aloud what is printed outside the “SAY” boxes.

**SAY:**

**We are about to begin the reading practice test. Please check the cover of your practice test book and make sure that your name is on it.**

**Today you will be responding to items in the reading practice test. An item is a question, a problem, a prompt, a statement, or a task. The items in this practice test may be different from the types of items you are used to seeing in a test. For some items you will write your own response, and for other items you will choose your response from a set of choices that are given. You will write all of your responses to the items directly in your practice test book. You may print or write in cursive. Be sure to write only on the lines or in the spaces provided. Additional paper cannot be used to write longer responses. Only the responses in the lines or spaces provided in the practice test book will be scored. Do not make any stray marks in the circles or outside the lines provided.**

**You should read each item very carefully and do your best to answer clearly and completely. You may look back at what you have read as often as you want, and you may underline or circle with pencil any text you want to make note of.**

**Some of the items in this practice test are worth more than one point. Their point value is stated in the item. You can earn full or partial credit for these items. All of the multiple-choice items are worth one point. You should attempt all of the items.**

**Open your practice test book to page 3.**

*Check to see that all students are on page 3 in the practice test book.*

**SAY:**

**I will read this additional information about the scoring of your responses.**

**For an item that is NOT multiple-choice, you must respond to what is requested, write in English, and make sure that your responses are readable. No credit will be given to any response that**

- **is too short to score**
- **consists of “I don’t know”**
- **indicates refusal to respond to the item**
- **consists of copying the item**
- **does not address the item or topic**
- **is not legible**
- **is written in a language other than English. (If part of the response is in English, that part will be scored.)**

**Are there any questions?**

*Pause to answer any questions.*

**SAY:**

**Look at page 4 of your practice test book. We will begin by reading a sample passage and doing two sample items. You will mark your responses to the sample items in your practice test book. For Sample A, fill in the circle that goes with the response you choose. Be sure to fill in the circle completely and make your mark heavy and dark. If you want to change a response, completely erase the mark you made before making a new mark. For Sample B, write your response on the lines provided.**

## **SAMPLES A AND B**

**SAY:**

**Read the sample passage on page 4. Then use the passage to do Samples A and B. When you have finished, stop working.**

*Give students time to respond to Samples A and B. Then discuss the samples with them. It is permissible to answer questions students ask about the sample items.*

## Directions

Use the passage to do Samples A and B.

### **SAMPLE PASSAGE**

#### **Fireweed: Alaska's Famous Wildflower**

Fireweed is the most famous wildflower in the Pacific Northwest. It has the ability to grow back rapidly after an area of land has been cleared or burned by fire. In fact, fireweed is usually the first plant to reappear after a wildfire. It can grow to be over seven feet tall. Its blossoms decorate open spaces with blazes of hot pink and purple. When the fireweed plant is young, the stems can be prepared and eaten. The leaves can be added to salads. The blossoms are used to make jelly and syrup. Bees love the nectar from the fireweed's blossom, which becomes delicious honey for humans to enjoy.

### **Sample A**

**According to the passage, which part of the fireweed plant is used to produce syrup?**

- Ⓐ root
- Ⓑ stem
- Ⓒ leaves
- Ⓓ blossoms

## Sample B

What are two reasons fireweed is an appropriate name for this plant?  
Use details from the passage in your response. This item is worth 2 points.

---

---

---

---

*When students have finished answering the sample questions,*

**SAY:**

The correct response for Sample A is choice D: “blossoms.” The passage says the blossoms are used to make syrup.

Look at Sample B and the response you have written. A possible response to Sample B is as follows: “One reason fireweed is an appropriate name for the plant is that it grows back rapidly after land has been burned. Also, fireweed blossoms are hot pink and purple like the color of flames.”

Other possible responses include “It spreads quickly like wildfire.” OR “It grows over seven feet tall like the flames of a wildfire.” Are there any questions about Samples A and B?

Using the information in the passage to support complete answers is the best way to get full credit. In the reading practice test, you will not be scored on spelling, grammar, or punctuation, and you do not need to write in complete sentences, but your answers must be understandable.

Are there any questions?

*When you are sure that all students understand the directions, continue.*

**SAY:**

**Remember to read all directions and information in the practice test book. When you come to a stop sign, you have finished the reading practice test. You may go back over the practice test and check your responses.**

*Students should sit quietly when they have finished. As an option, you may let students read a book or work on homework.*

**SAY:**

**Are there any questions?**

*When you are sure that all students understand the directions, continue.*

**SAY:**

**You may begin.**

*Check to see that students are filling in circles correctly or writing responses in the correct places.*

*When all students have completed the reading practice test,*

**SAY:**

**This is the end of the reading practice test. Make sure you have marked or written all of your answers clearly and that you have completely erased any marks you do not want.**

*After students have finished checking their answer marks,*

**SAY:**

**Close your practice test book. Sit quietly while I collect your practice test book.**

*Collect the practice test books with the front covers facing up. Use the Scoring Guide posted on the EED Website to score each student's reading practice test.*

## ***Specific Directions for Administration of the Grade 10 Writing Practice Test***

Distribute the practice test books. Check to see that each student has his or her own practice test book and a No. 2 pencil. **Read aloud what is printed within the shaded “SAY” boxes.** You must read what is printed within the “SAY” boxes exactly as written. There are opportunities for students to ask questions about the directions as indicated in the information printed outside the “SAY” boxes. Do not read aloud what is printed outside the “SAY” boxes.

**SAY:**

**We are about to begin the writing practice test. Please check the cover of your practice test book and make sure that your name is on it.**

**Does everyone have a piece of scratch paper? If you need additional scratch paper during the practice test, raise your hand and I will provide you with another piece. All scratch paper has to be turned in with your practice test. Today you will be responding to items in the writing practice test. An item is a question, a problem, a prompt, a statement, or a task. The items in this practice test may be different from the types of items you are used to seeing in a test. For some items you will write your own response, and for other items you will choose your response from a set of choices that are given. You will write all of your responses to the items directly in your practice test book. You may print or write in cursive. Be sure to write only on the lines provided or in the area indicated. Do not make any stray marks in the circles or outside the lines provided.**

**You should read each item very carefully and do your best to answer clearly and completely. You may look back at what you have read as often as you want, and you may underline or circle with pencil any text you want to make note of.**

**Some of the items in this practice test are worth more than one point. Their point value is stated in the item. You can earn full or partial credit for these items. All of the multiple-choice items are worth one point. You should attempt all of the items.**

**Open your practice test book to page 4.**

*Check to see that all students are on page 4 in the practice test book.*

**SAY:**

**I will read this additional information about the scoring of your responses.**

**For an item that is NOT multiple-choice, you must respond to what is requested, write in English, and make sure that your responses are readable. No credit will be given to any response that**

- **is too short to score**
- **consists of “I don’t know”**
- **indicates refusal to respond to the item**
- **consists of copying the item**
- **does not address the item or topic**
- **is not legible**
- **is written in a language other than English. (If part of the response is in English, that part will be scored.)**

**Are there any questions?**

*Pause to answer any questions.*

**SAY:**

**Now open your practice test book to page 20. The next page is your writing skills checklist. Carefully tear this sheet out of your practice test book and write your name at the top of the page. You should refer to this checklist when responding to each writing prompt.**

*Pause. Make sure that all students have the writing skills checklist removed from their practice test books and have it on their desk with their name on it.*

**SAY:**

**Take all the time you need to do a good job. Remember that good spelling, grammar, and punctuation count toward your score on the writing practice test.**

**Now turn back to page 5 in your practice test book.**

*Check to see that all students are on page 5 in the practice test book.*

**SAY:**

**We will begin by doing six sample items. You will mark your responses to the sample items in your practice test book. For Samples A, B, and C fill in the circle that goes with each response you choose. Be sure to fill in the circle completely and make your mark heavy and dark. If you want to change a response, completely erase the mark you made before making a new mark. For Samples D, E, and F write your responses on the lines provided.**

## SAMPLES A AND B

**SAY:**

**Read the directions. Then do Samples A and B. When you have finished, stop working.**

*Give students time to respond to Samples A and B. Then discuss the samples with them. It is permissible to answer questions students ask about the sample items.*

### Directions

**Read the paragraphs. They have mistakes that need to be corrected. Use the paragraphs to answer Samples A and B.**

<sup>1</sup> Every summer my community has a celebration. <sup>2</sup> Takes part in the event. <sup>3</sup> Some community organizations hold contests that are fun for all ages.

<sup>4</sup> My little sister has a pet dog. <sup>5</sup> We also feast on the favorite foods of our area.

### Sample A

**Choose the correct way to write Sentence 2.**

- Ⓐ Everyone takes part in the event.
- Ⓑ Taking part in the event.
- Ⓒ Everyone taking part in the event.
- Ⓓ It is correct as is.



## Sample B

Which sentence does not belong in the paragraph?

- Ⓐ Sentence 2
- Ⓑ Sentence 3
- Ⓒ Sentence 4
- Ⓓ Sentence 5

**SAY:**

The correct response for Sample A is choice A because it is a complete sentence. The other choices are incomplete sentences. The correct response for Sample B is choice C: “My little sister has a pet dog” does not relate to the topic. Are there any questions about Samples A and B?

## SAMPLES C AND D

**SAY:**

Now read the directions for Samples C and D on the next page. Then do Samples C and D. When you have finished, stop working.

*Give students time to respond to Samples C and D. Then discuss the samples with them. Copy the sentences in Sample D onto the chalkboard or use a projector to demonstrate how to mark the corrections.*

## Directions

**Choose the sentence that is written correctly.**

### Sample C

- Ⓐ Black bears gain as much weight, as they can in the summer.
- Ⓑ Black bears gain as much weight as they can in the summer?
- Ⓒ Black bears gain as much weight as they can in the summer.
- Ⓓ Black bears, gain as much weight as they can in the summer.

## Directions

Read the sentences. On the lines below, write the sentences and correct the four capitalization errors.

### Sample D

mary dreamed of a trip to Washington. She wanted to visit a Museum and see the Real copy of the declaration of Independence.

---

---

---

---

**SAY:**

The correct response for Sample C is choice C because it is punctuated correctly. The other choices have punctuation errors. Look at your response for Sample D. You should have capitalized the words “Mary” and “Declaration” because they are both proper nouns. You should not have capitalized the word “museum” because it is a common noun, or “real” because it is a common adjective. Are there any questions about Samples C and D?

*When you are sure that all students understand, continue. Point out that every error they correct as they write the sentences counts as one correction and that any kind of editing mark is acceptable as long as it is clearly marked on the sentences they have written. Making changes that are not needed will not count against a student’s score; only the necessary corrections count.*

## SAMPLES E AND F

**SAY:**

Now do Samples E and F on the next page. When you have finished, stop working.

*Give students time to respond to Samples E and F. Then discuss the samples with them.*

## Sample E

**Read the information.**

*My twin brother's name is Patrick.*

*Patrick has been taking music lessons since he was five years old.*

*Patrick's favorite style of music is jazz.*

**Combine the information into one complete sentence.**

---

---

---

---

## Sample F

**Write the sentences below in a paragraph, putting them in the order that makes the most sense. Add transitional words or phrases as needed to make the paragraph flow.**

- *We had won the championship!*
- *The championship game began badly for our basketball team.*
- *As the buzzer sounded to end the game, we scored a basket.*
- *We played hard and tied the score in the final seconds.*

---

---

---

---

---

---

---

---

**SAY:**

Look at Sample E and the response you have written. You should have written a single sentence, such as “Patrick, my twin brother whose favorite music style is jazz, has been taking music classes since he was five years old.” OR “Jazz is the favorite music style of my twin brother Patrick, who has been taking music classes since he was five years old.” Either of these two example sentences eliminates repetition and includes all the ideas in the original sentences without changing the meaning.

Look at Sample F and the response you have written. You may have written “The championship game began badly for our basketball team. Nevertheless, we played hard and tied the score in the final seconds. As the buzzer sounded to end the game, we scored a basket. In the end, we had won the championship!” Another correct response is “The championship game began badly for our basketball team. Still, we played hard and tied the score in the final seconds. As the buzzer sounded to end the game, we scored a basket. Finally, we had won the championship!” Note that it is acceptable to change, add, or delete words from the original sentences as needed to make your revised paragraph grammatically correct, as long as you do not change the original meaning.

Are there any questions about Samples E and F?

*Pause to answer any questions.*

**SAY:**

In this practice test, you will be responding to multiple-choice items, writing short responses, doing proofreading tasks, and writing responses to writing prompts. Remember to fill in the circle that goes with each multiple-choice response you choose. You may use scratch paper to plan your written responses, but remember to write the final version of each written response in your practice test book. Additional paper cannot be used to write longer responses. Only those responses written in your practice test book will be scored. Refer to the writing skills checklist for each of the writing prompts. You will be scored on these skills in the writing practice test.

Remember to read all directions and information in the practice test book. When you come to a stop sign, you have finished the writing practice test. You may go back over the writing practice test to check your responses and edit your work.

*Students should sit quietly when they have finished. As an option, you may let students read a book or work on homework.*

**SAY:**

**Are there any questions?**

*When you are sure that all students understand the directions, continue.*

**SAY:**

**You may begin.**

*Check to see that students are filling in circles correctly or writing responses in the correct places.*

*When all students have completed the writing practice test,*

**SAY:**

**This is the end of the writing practice test. Make sure you have marked or written all of your answers clearly and that you have completely erased any marks you do not want.**

*After students have finished checking their answer marks,*

**SAY:**

**Close your practice test book. Sit quietly while I collect your practice test book and scratch paper.**

*Collect the practice test books with the front covers facing up. Use the Scoring Guide posted on the EED Website to score each student's writing practice test.*

## ***Specific Directions for Administration of the Grade 10 Mathematics Practice Test***

Distribute the practice test books. Check to see that each student has his or her own practice test book and a No. 2 pencil. **Read aloud what is printed within the shaded “SAY” boxes.** You must read what is printed within the “SAY” boxes exactly as written. There are opportunities for students to ask questions about the directions as indicated in the information printed outside the “SAY” boxes. Do not read aloud what is printed outside the “SAY” boxes.

**SAY:**

**We are about to begin the mathematics practice test. Please check the cover of your practice test book and make sure that your name is on it.**

**Does everyone have a piece of scratch paper? If you need additional scratch paper during the practice test, raise your hand and I will provide you with another piece. All scratch paper has to be turned in with your practice test. Today you will be responding to items in the mathematics practice test. An item is a question, a problem, a prompt, a statement, or a task. The items in this practice test may be different from the types of items you are used to seeing in a test. For some items you will write your own response, and for other items you will choose your response from a set of choices that are given. You will write all of your responses to the items directly in your practice test book. You may print or write in cursive. Be sure to write only on the lines or in the work spaces provided. Do not make any stray marks in the circles or outside the lines provided.**

**You should read each item very carefully and do your best to answer clearly and completely.**

**Some of the items in this practice test are worth more than one point. Their point value is stated in the item. You can earn full or partial credit for these items. In items that ask you to show the work necessary to solve the item, the method you use to solve the item will be scored, as well as your response. All of the multiple-choice items are worth one point. You should attempt all of the items.**

**Open your practice test book to page 22.**

*Check to see that all students are on page 22 in the practice test book.*

**SAY:**

**I will read this additional information about the scoring of your responses.**

**For an item that is NOT multiple-choice, you must respond to what is requested, write in English (and/or mathematics symbols when appropriate), and make sure that your responses are readable. No credit will be given to any response that**

- **is too short to score**
- **consists of “I don’t know”**
- **indicates refusal to respond to the item**
- **consists of copying the item**
- **does not address the item or topic**
- **is not legible**
- **is written in a language other than English. (If part of the response is in English, that part will be scored.)**

**Are there any questions?**

*Pause to answer any questions.*

**SAY:**

**Open your practice test book to page 38. The following page is your mathematics reference sheet. Carefully tear the reference sheet out of your practice test book and write your name at the top of the page. You may use this reference sheet any time you wish during the practice test. Not all of the information on the reference sheet may be needed. You may NOT use a calculator.**

**Now turn back to page 23 in your practice test book.**

*Pause. Make sure that all students have removed the mathematics reference sheet from the practice test book and have placed it on top of their desk with their name on it. Check to see that all students are on page 23 in the practice test book.*

**SAY:**

In the mathematics practice test, you may be required to solve different types of items such as determining a pattern, completing a table or graph, or explaining how you solved a problem.

Before you start the mathematics practice test, you will do some sample items. For multiple-choice items like Samples A and B, you may do your work in the practice test book or on scratch paper. Be sure to fill in the circle that goes with the response you choose. Fill in the circle completely and make your mark heavy and dark. If you want to change a response, completely erase the mark you made before making a new mark.

Sample C is a constructed-response item. For constructed-response items, be sure to show all your work in the space provided in the practice test book and write your response on the lines provided. The only responses that will be scored are those written in the space provided in the practice test book.

**SAMPLES A, B, AND C****SAY:**

Now do Samples A, B, and C. When you have finished, stop working.

*Give students time to respond to Samples A, B, and C. Then discuss the samples with them. It is permissible to answer questions students ask about the sample items.*

**Sample A**

The coordinates on a grid of the location of 2 trees in a park are (3, 9) and (5, 3). What are the coordinates of the midpoint of the line segment joining the 2 trees?

- Ⓐ (2, 6)
- Ⓑ (4, 6)
- Ⓒ (4, 12)
- Ⓓ (8, 12)



## Sample B

The table below shows Kelly's telephone bill.

**TELEPHONE BILL**

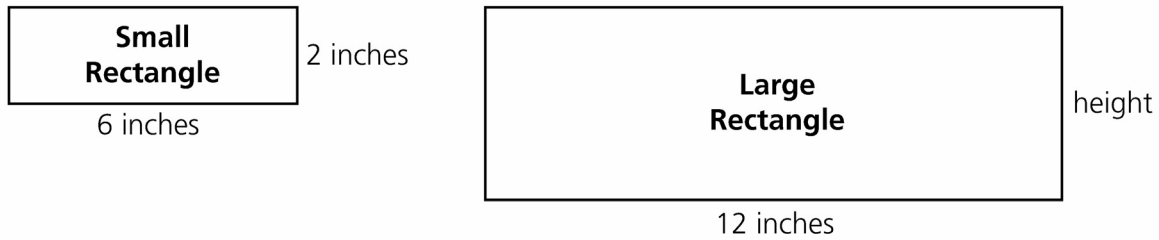
<b>Number of Minutes Used</b>	<b>Total Bill</b>
500	\$30.00
600	\$35.00
700	\$40.00

The pattern continues. Kelly uses 1,000 minutes. What will be Kelly's total bill?

- Ⓐ \$45.00
- Ⓑ \$50.00
- Ⓒ \$55.00
- Ⓓ \$60.00

### Sample C

Jim is making a similar, large rectangle from a small rectangle as shown below.



What is the height of the large rectangle? This item is worth 2 points.

*Show the work.*

Answer: \_\_\_\_\_ inches

**SAY:**

The correct response for Sample A is B, (4, 6). This is found by using the midpoint formula found on the reference sheet. Adding the  $x$ -coordinates 3 and 5 gives a value of 8. Eight divided by 2 is 4, the  $x$ -coordinate of the correct answer. Adding the  $y$ -coordinates 9 and 3 gives a value of 12. Twelve divided by 2 is 6, the  $y$ -coordinate of the correct answer. Are there any questions about Sample A?

The correct answer for Sample B is C, \$55.00. This is found by continuing the pattern, for every 100 minutes used the total bill increases by \$5.00. Then 800 minutes used will have a total bill of \$45.00, 900 minutes \$50.00, and 1,000 minutes \$55.00. Are there any questions about Sample B?

The answer to Sample C is 4 inches. The work for this question would involve showing a proportion and solving it or giving an explanation of how one could find the height using a ratio of side lengths or a proportion.

The proportion would be 2 divided by 6 equal to  $h$ , for the height of the large rectangle, divided by 12. Solving this equation by cross-multiplication gives us the product of 2 and 12, which is 24, equal to  $6h$ . Now, dividing both sides of the equation by 6 gives  $h$  equal to 4. Are there any questions about Sample C?

*Point out that giving a complete response that shows all work is the best way to get full credit.*

**SAY:**

In the mathematics practice test, you will not be scored on spelling, grammar, or punctuation and you do not need to write in complete sentences, but your responses must be understandable.

Are there any questions?

*When you are sure that all students understand the directions, continue.*

**SAY:**

Remember to read all directions and information in the practice test book. When you come to a stop sign, you have finished the mathematics practice test. You may go back over the practice test and check your responses.

*Students should sit quietly when they have finished. As an option, you may let students read a book or work on homework.*

**SAY:**

**Are there any questions?**

*When you are sure that all students understand the directions, continue.*

**SAY:**

**You may begin.**

*Check to see that students are filling in circles correctly or writing responses in the correct places.*

*When all students have completed the mathematics practice test,*

**SAY:**

**This is the end of the mathematics practice test. Make sure you have marked or written all of your answers clearly and that you have completely erased any marks you do not want.**

*After students have finished checking their answer marks,*

**SAY:**

**Close your practice test book. Sit quietly while I collect your practice test book and scratch paper.**

*Collect the practice test books with the front covers facing up. Use the Scoring Guide posted on the EED Website to score each student's mathematics practice test.*









**Comprehensive System  
of Student Assessment  
(CSSA)**

**Reading, Writing, and Mathematics**

**Grade 10 SBA-HSGQE  
HSGQE Retest**

**Practice Test Administration Directions  
2007**

Copyright © 2007 by the Alaska Department of Education & Early Development. Only the State of Alaska educators and citizens may copy, download, and/or print the document, located online at [www.eed.state.ak.us](http://www.eed.state.ak.us). Any other use or reproduction of this document, in whole or in part, requires written permission of the Alaska Department of Education & Early Development.