



Student Readiness
Support Resource
for Families
Grade 3



Accessing Student Tutorials

The Student Tutorial is a web-based video that introduces the AK STAR testing system. The tutorial will walk a student through using the online practice tests, providing basic testing instructions, where to access the provided support tools and testing tips. The tutorial is accessible to students, educators, families, and community and easily viewable on many web browsers. A username and password are not required to access the tutorial.



Quick Guide

1. Use the link posted to the [AK STAR Student Readiness webpage](https://education.alaska.gov/assessments/akstar/student-readiness) (education.alaska.gov/assessments/akstar/student-readiness) to view the Student Tutorial. After the link is selected, the video will begin to play.
2. OR use this link to take you directly to the video:
<https://vimeo.com/672021973/4d3ec642c2>



Accessing Practice Tests

The Practice Tests are for the computer-based assessment designed to provide students with a hands-on opportunity to experience the test environment. Students can navigate through a “test”, practice using test-taking tools, and try out different item types.

School districts should provide students with the opportunity to use the practice tests. Students should be familiar with navigating the test environment prior to testing so they can focus on the content of the test and confidently demonstrate their knowledge of the Alaska standards.

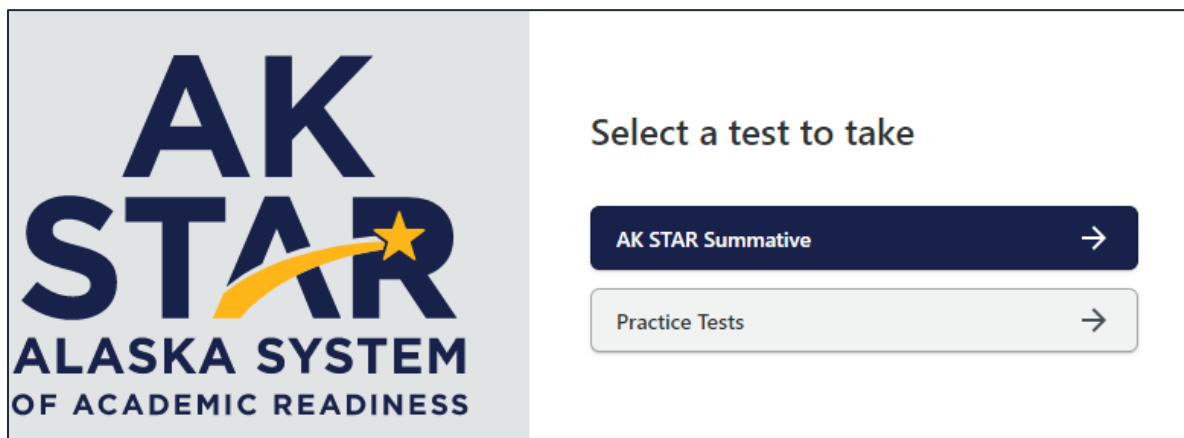
The practice tests are accessible to students, educators, parents, and community. Families are encouraged to use the practice tests and see what kinds of questions their student will be answering. Test questions are not scored, and answers are not saved.

All of the resources mentioned in the steps below are also available on the [AK STAR Student Readiness webpage](https://education.alaska.gov/assessments/akstar/student-readiness) (education.alaska.gov/assessments/akstar/student-readiness).

- Access the Practice Tests via the NWEA State Solutions Secure Browser. Districts should download the NWEA State Solutions Secure browser to provide the best testing experience for students. Directions for this download can be found in the [AK STAR System and Technology Guide](#). This will also help ensure student devices are prepared for testing during the operational administration.
- Access the Practice Tests via internet browser. The practice tests are also available outside the secure browser by using this provided link. [AK STAR Practice Tests](#)

Once on the practice test page, follow the steps below to access the appropriate practice test.

1. Select “Practice Tests” from the two options.



2. A menu of test options will be presented. Select the appropriate option from each drop-down button.



Quick Guide

3. Once you have selected all the appropriate options, select “Take Test” to begin the practice test.

Practice Using the Software

You must select an option for each field in order, from first to last.

Year
2022 ▼










Grade
Grade 4 Practice Test ▼

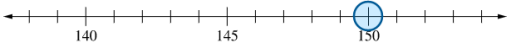
Subject
English Language Arts ▼


Accommodations
No Accommodation ▼

4. If your student uses American Sign Language (ASL) or Text to Speech functionality, you can practice these item types by selecting “Grade 3-9 Accommodated Items” in the “Grade” drop down.
5. Under the “Accommodations” drop down Select ASL or Text to Speech to view those practice items.

Mathematic Grade 3 Practice Test Answer Key

Item Number	Correct Answer	Item Type														
1	<input type="radio"/> $63 \div 7$	Multiple Choice Single-Select														
2	<table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border: 1px solid #ccc; padding: 5px; text-align: center;">2</td> </tr> <tr> <td style="border-top: 1px solid black; border-bottom: 1px solid #ccc; padding: 5px; text-align: center;">3</td> </tr> </table>	2	3	Fraction Entry												
2																
3																
3	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 30%;">Shape</th> <th style="width: 35%;">Is a Quadrilateral</th> <th style="width: 35%;">Is Not a Quadrilateral</th> </tr> </thead> <tbody> <tr> <td></td> <td><input type="radio"/></td> <td><input checked="" type="radio"/></td> </tr> <tr> <td></td> <td><input checked="" type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td></td> <td><input checked="" type="radio"/></td> <td><input type="radio"/></td> </tr> </tbody> </table>	Shape	Is a Quadrilateral	Is Not a Quadrilateral		<input type="radio"/>	<input checked="" type="radio"/>		<input checked="" type="radio"/>	<input type="radio"/>		<input checked="" type="radio"/>	<input type="radio"/>	Table		
Shape	Is a Quadrilateral	Is Not a Quadrilateral														
	<input type="radio"/>	<input checked="" type="radio"/>														
	<input checked="" type="radio"/>	<input type="radio"/>														
	<input checked="" type="radio"/>	<input type="radio"/>														
4	<p>For how many days has Mr. Jonas been painting?</p> <p>Enter your answer in the space provided.</p> <p style="text-align: center;"><input type="text" value="6"/> days</p>	Numeric Entry														
5	<table border="1" style="margin: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 30%;">Line Segment</th> <th style="width: 70%;">Length (inches)</th> </tr> </thead> <tbody> <tr> <td>X</td> <td><input type="text" value="3 3/4"/></td> </tr> <tr> <td>Y</td> <td><input type="text" value="4"/></td> </tr> <tr> <td>Z</td> <td><input type="text" value="2 3/4"/></td> </tr> </tbody> </table> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border: 1px solid #ccc; padding: 5px; text-align: center;">$2\frac{1}{2}$</td> <td style="border: 1px solid #ccc; padding: 5px; text-align: center;">$2\frac{3}{4}$</td> <td style="border: 1px solid #ccc; padding: 5px; text-align: center;">3</td> </tr> <tr> <td style="border: 1px solid #ccc; padding: 5px; text-align: center;">$3\frac{1}{4}$</td> <td style="border: 1px solid #ccc; padding: 5px; text-align: center;">$3\frac{3}{4}$</td> <td style="border: 1px solid #ccc; padding: 5px; text-align: center;">4</td> </tr> </table>	Line Segment	Length (inches)	X	<input type="text" value="3 3/4"/>	Y	<input type="text" value="4"/>	Z	<input type="text" value="2 3/4"/>	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{3}{4}$	4	Drag and Drop
Line Segment	Length (inches)															
X	<input type="text" value="3 3/4"/>															
Y	<input type="text" value="4"/>															
Z	<input type="text" value="2 3/4"/>															
$2\frac{1}{2}$	$2\frac{3}{4}$	3														
$3\frac{1}{4}$	$3\frac{3}{4}$	4														

Item Number		Item Type
6	<p>Johnny sold 5 bags of nuts in the first hour. How many pounds of nuts did Johnny sell in the first hour?</p> <p>Enter your answer in the space provided.</p> <p><input type="text" value="10"/> pounds of nuts</p>	Numeric Entry
7	<p><input checked="" type="radio"/> 18 pounds</p>	Multiple Choice Single-Select
8	<p>What is the value of the following expression?</p> $308 + 97$ <p>Enter your answer in the space provided.</p> <p><input type="text" value="405"/></p>	Numeric Entry
9	<p><input checked="" type="radio"/> $\frac{2}{3} > \frac{2}{4}$</p>	Multiple Choice Single-Select
10	<p><input type="checkbox"/> Four right angles</p> <p><input checked="" type="checkbox"/> Exactly four sides</p> <p><input type="checkbox"/> Angles of different sizes</p> <p><input checked="" type="checkbox"/> Pairs of opposite sides with the same length</p> <p><input type="checkbox"/> Pairs of connected sides with the same length</p>	Multiple Choice Multiple-Select
11	<p><input checked="" type="radio"/> $\diamond \times \star = 35$</p>	Multiple Choice Single-Select
12	<p>Select a place on the number line to plot the point.</p> 	Zone
13	<p><input checked="" type="radio"/> 3</p>	Multiple Choice Single-Select
14	<p>How many pencils were in each box?</p> <p>Enter your answer in the space provided.</p> <p><input type="text" value="10"/> pencils</p>	Numeric Entry

Item Number		Item Type
15	<p>What is the total area of the shape, in square feet?</p> <p>Enter your answer in the space provided.</p> <p><input type="text" value="108"/> square feet</p>	Numeric Entry
16	<p><input checked="" type="radio"/> $6 \times (4 + 3)$</p>	Multiple Choice Single-Select
17	<p>At what time did Carter go outside to play?</p> <p>Enter your answer in the two spaces provided.</p> <p><input type="text" value="9"/> : <input type="text" value="21"/></p>	Multiple Numeric Entry
18	<p><input checked="" type="radio"/> </p>	Multiple Choice Single-Select
19	<p>Which two pairs of measurements could be the length and width of the window?</p> <p>Select the two correct answers.</p> <p><input type="checkbox"/> The length is 4 feet, and the width is 6 feet.</p> <p><input checked="" type="checkbox"/> The length is 7 feet, and the width is 5 feet.</p> <p><input type="checkbox"/> The length is 8 feet, and the width is 3 feet.</p> <p><input checked="" type="checkbox"/> The length is 9 feet, and the width is 3 feet.</p> <p><input type="checkbox"/> The length is 12 feet, and the width is 12 feet.</p> <p><input type="checkbox"/> The length is 14 feet, and the width is 10 feet.</p>	Multiple Choice Multiple-Select
20	<p>The result will always be an <input type="text" value="even"/> number, and the digit in the ones place will always be <input type="text" value="0"/>.</p>	Drop-Down
21	<p>$8 \times$ <input type="text" value="6"/> $= 48$</p> <p><input type="text" value="7"/> $= 21 \div 3$</p> <p>$45 \div 9 =$ <input type="text" value="5"/></p>	Multiple Numeric Entry
22	<p><input checked="" type="radio"/> The fraction $\frac{2}{3}$ can be represented by 1 whole that is partitioned into 3 equal parts, of which 2 parts are shaded.</p>	Multiple Choice Single-Select

Item Number	Correct Answer	Item Type															
23	$1 = \frac{\boxed{4}}{4}$ $2 = \frac{\boxed{2}}{1}$	Multiple Numeric Entry															
24	<p>The mass on the scale will increase from <input type="text" value="140"/> grams to <input type="text" value="390"/> grams.</p>	Drop-Down															
25	<input checked="" type="radio"/> 14 square inches	Multiple Choice Single-Select															
26	<table border="1" data-bbox="625 730 885 961"> <thead> <tr> <th>Equation</th> <th>True</th> <th>False</th> </tr> </thead> <tbody> <tr> <td>$60 \times 4 = 240$</td> <td><input checked="" type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>$5 \times 80 = 400$</td> <td><input checked="" type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>$3 \times 40 = 700$</td> <td><input type="radio"/></td> <td><input checked="" type="radio"/></td> </tr> <tr> <td>$9 \times 80 = 170$</td> <td><input type="radio"/></td> <td><input checked="" type="radio"/></td> </tr> </tbody> </table>	Equation	True	False	$60 \times 4 = 240$	<input checked="" type="radio"/>	<input type="radio"/>	$5 \times 80 = 400$	<input checked="" type="radio"/>	<input type="radio"/>	$3 \times 40 = 700$	<input type="radio"/>	<input checked="" type="radio"/>	$9 \times 80 = 170$	<input type="radio"/>	<input checked="" type="radio"/>	Table
Equation	True	False															
$60 \times 4 = 240$	<input checked="" type="radio"/>	<input type="radio"/>															
$5 \times 80 = 400$	<input checked="" type="radio"/>	<input type="radio"/>															
$3 \times 40 = 700$	<input type="radio"/>	<input checked="" type="radio"/>															
$9 \times 80 = 170$	<input type="radio"/>	<input checked="" type="radio"/>															
27	<input checked="" type="radio"/> $4 \times 7 = 28$	Multiple Choice Single-Select															
28	<p>Move a number or symbol into each space.</p> <div data-bbox="755 1178 971 1354" style="border: 1px solid gray; padding: 5px; text-align: center;"> <table style="margin: 0 auto;"> <tr> <td style="border: 1px solid gray; padding: 2px 5px;">2</td> <td style="border: 1px solid gray; padding: 2px 5px;">6</td> <td style="border: 1px solid gray; padding: 2px 5px;">+</td> <td style="border: 1px solid gray; padding: 2px 5px;">-</td> </tr> <tr> <td style="border: 1px solid gray; padding: 2px 5px;">12</td> <td style="border: 1px solid gray; padding: 2px 5px;">24</td> <td colspan="2" style="border: 1px solid gray; padding: 2px 5px;">÷</td> </tr> </table> <p>▲ = 6 × 12</p> </div>	2	6	+	-	12	24	÷		Drag and Drop							
2	6	+	-														
12	24	÷															
29A	<p>Complete the following sentence to explain why point P represents $\frac{4}{6}$.</p> <p>Select from the lists of choices to complete the statement.</p> <p>Point P represents the fraction $\frac{4}{6}$ because the number line from 0 to 1 is partitioned into <input type="text" value="6"/> equal parts of size <input type="text" value="1/6"/>, and the point is <input type="text" value="4"/> lengths of this size from 0.</p>	Drop-Down															

Item Number	Correct Answer	Item Type
29B	<p>Select from the lists of choices to complete the statement about the models that could be used.</p> <p>The models that could be used are Model J and</p> <p>Model K because</p> <p>the area of the shaded parts in each model is the same.</p>	Drop-Down
30A	<p>Example: Rafael can put 12 labels along the length of the board 8 times. $12 \times 8 = 96$ The least number of labels that Rafael needs to cover the board is 96.</p>	Written Response
30B	<p>Example: The least number of packages of labels that Rafael needs to buy is 16 because $96 \div 6 = 16$.</p> <p style="text-align: center;">OR</p> <p>Since there are 6 labels in each package, he needs 2 packages for each row. There will be 8 rows. $2 \times 8 = 16$</p>	Written Response

Math Written Response Rubric Grade 3

This question is worth 3 points. Each of the following components is worth 1 point.

- In Part A, the response shows that the least number of labels needed to cover the board is 96.
- In Part B, the response shows that the least number of packages of labels that should be bought is 16.
 - NOTE: Correctly using an incorrect answer from Part A meets this component.
- In Parts A and B, the response shows understanding that numbers should be multiplied (or numbers should be repeatedly added) in Part A AND that numbers should be divided (or numbers should be repeatedly subtracted) in Part B OR shows that other appropriate strategies were used.

ELA Grade 3 Practice Test Answer Key

Item Number	Correct Answer	Item Type						
1	<p>country <i>noun</i> 1. all the land of a nation 2. the people of a nation 3. the place where a person was born or is a citizen</p> <p>4. an open area outside of a big town or city</p>	Select in Passage						
2	<input checked="" type="radio"/> the neighbors will discover her family eats weeds.	Multiple Choice Single-Select						
3	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #e0e0e0;">Sentence from the Passage</th> <th style="background-color: #e0e0e0;">Feelings</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">"It seemed to take hours to fill the bags." (paragraph 24)</td> <td style="text-align: center;"><input type="text" value="bored"/></td> </tr> <tr> <td style="text-align: center;">"I landed smiling at the sky and shin-high in the yellow flowers." (paragraph 26)</td> <td style="text-align: center;"><input type="text" value="playful"/></td> </tr> </tbody> </table>	Sentence from the Passage	Feelings	"It seemed to take hours to fill the bags." (paragraph 24)	<input type="text" value="bored"/>	"I landed smiling at the sky and shin-high in the yellow flowers." (paragraph 26)	<input type="text" value="playful"/>	Drag and Drop
Sentence from the Passage	Feelings							
"It seemed to take hours to fill the bags." (paragraph 24)	<input type="text" value="bored"/>							
"I landed smiling at the sky and shin-high in the yellow flowers." (paragraph 26)	<input type="text" value="playful"/>							
4	<input checked="" type="radio"/> step on and crush	Multiple Choice Single-Select						
5	<p>The picture at the end of the passage best supports the idea that Athena is <input style="width: 100px;" type="text" value="happy with the dinner party."/></p>	Drop-Down						
6A	<input checked="" type="radio"/> Be willing to have new experiences.	Multiple Choice Single-Select						
6B	<input checked="" type="radio"/> "I closed my eyes and made a wish: to be as open-minded as my family and my new friend." (paragraph 48)	Multiple Choice Single-Select						
7	<input checked="" type="radio"/> there are no buses to take them to school.	Multiple Choice Single-Select						
8A	<input checked="" type="radio"/> different	Multiple Choice Single-Select						
8B	<input checked="" type="radio"/> "It may include boiled or smoked fish, chicken, eggs, goat meat, or bush meat." (paragraph 8)	Multiple Choice Single-Select						

Item Number		Item Type								
9	<p>When there is work to do after school, the girls do it first. They might wash dishes, shuck corn, get water from the river and firewood from the forest, feed the goats, spread cocoa beans to dry, weed the fields, or bathe Becki's youngest sister. Once their work is done, they are free to play. Sometimes they pick oranges, jump rope, dance, or play mancala (a board game). The boys prefer to race toys—small wheels at the end of sticks—that they built from scraps.</p>	Select in Passage								
10	<table border="1" data-bbox="659 632 862 884"> <tr> <td>1</td> <td>Arrived at school</td> </tr> <tr> <td>2</td> <td>Buy breakfast</td> </tr> <tr> <td>3</td> <td>Sing a song</td> </tr> <tr> <td>4</td> <td>Go to classes</td> </tr> </table>	1	Arrived at school	2	Buy breakfast	3	Sing a song	4	Go to classes	Drag and Drop
1	Arrived at school									
2	Buy breakfast									
3	Sing a song									
4	Go to classes									
11	<input checked="" type="radio"/> like spending time together.	Multiple Choice Single-Select								
12	<input checked="" type="radio"/> "Becki and Bonsa are part of the Ashanti tribe of Ghana, an English-speaking West African country." (paragraph 2)	Multiple Choice Single-Select								
13	<input checked="" type="radio"/> Culture and Life in Ghana	Multiple Choice Single-Select								
14	<p>(1) Camels live in hot, dry deserts. (2) Most animals could not live in the desert. (3) Some deserts on Earth are cold, but they do not get much rain. (4) What helps the camel be able to live there?</p>	Select in Passage								
15	<p>The desert sand is hot and deep, <input type="text" value="but"/> the camel has large feet to keep him from sinking.</p>	Drop-Down								
16	<p>(9) Also, the camel can go for a week in great heat without <input type="text" value="having"/> to drink water.</p>	Select in Passage								
17	<input checked="" type="radio"/> A camel's body is made for living in the desert.	Multiple Choice Single-Select								

Item Number	Correct Answer	Item Type
18	<input checked="" type="radio"/> What Kids and Parents Believe	Multiple Choice Single-Select
19	<input checked="" type="checkbox"/> "One good thing is the video games that children play today often encourage them to work in teams, cooperate, and to help each other." (paragraph 8) <input type="checkbox"/> "This is because games today are often designed for multiple players, not like old-fashioned video games that were mostly designed for one player." (paragraph 8) <input type="checkbox"/> "However, children who are obsessed with video games and play them for a long time can get really competitive and can often try to win at all costs." (paragraph 9) <input type="checkbox"/> "Experts aren't sure yet, but they have real concerns that this might lead to kids acting like this in real life too." (paragraph 9) <input checked="" type="checkbox"/> "One thing you might also like to know is that kids who regularly play video games often get higher grades in math, science, and reading tests." (paragraph 10)	Multiple Choice Multiple-Select
20	<p>According to the section of the passage "What Do Experts Say?," a good thing about video games is that they can teach children to <input type="text" value="work in teams,"/> but they can also make children feel like they need to always <input type="text" value="be the winner of the activity."/></p>	Drop-Down
21	<p>There are two things that children and parents can do to make playing video games a positive activity. Play video games with your parents so they know that they are not all bad." Also "Play educational video games such as solving puzzles. Don't always play fighting games.</p>	Written Response
22	<input checked="" type="radio"/> It can change friendships.	Multiple Choice Single-Select
23	<p>The author of the passage thinks video games should be <input type="text" value="the right type for a child's age."/></p>	Drop-Down
24a	<input checked="" type="radio"/> It is important to spend time on other activities, not just on video games.	Multiple Choice Single-Select
24b	<input checked="" type="radio"/> "It's hard to get enough active play and exercise if you're always inside playing video games." (paragraph 3)	Multiple Choice Single-Select
25	<input checked="" type="radio"/> Video games have ratings.	Multiple Choice Single-Select

Item Number	Correct Answer	Item Type
26	<input checked="" type="radio"/> To teach readers how video games can be both harmful and helpful	Multiple Choice Single-Select