
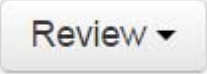



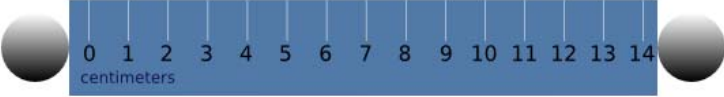

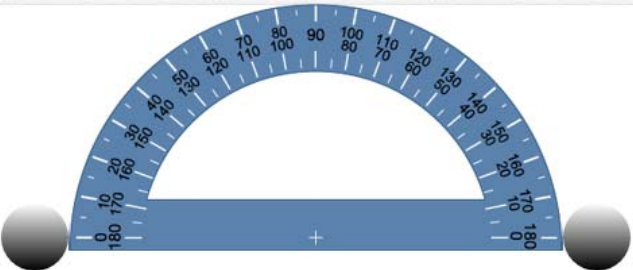




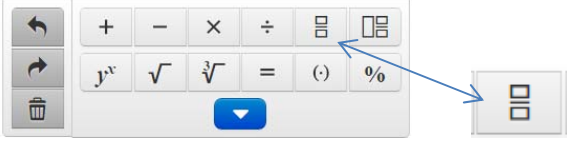
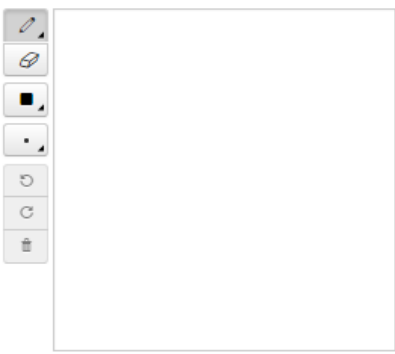
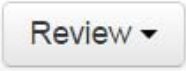


PARCC Math Assessment Technology Navigation ZOOM Meeting Grades 3-5

(Use this handout when viewing the YouTube video at <https://www.youtube.com/watch?v=3Lx2XD1fdq8>)

Topic	Discussion
	<p>https://parcc.pearson.com/ >Test Preparation > Tutorials > Online Student Tutorials> Grade 3-5 Computer-Based Assessment Tutorial</p>
Calculators	<ul style="list-style-type: none"> Grades 3-5: NO calculators allowed, except for students with an approved calculator accommodation (see below) <p>For students who meet the guidelines in the <i>PARCC Accessibility Features and Accommodations Manual</i> for a calculation device, this accommodation allows a calculator be used on non-calculator sections of any PARCC mathematics assessment. The following are allowable calculators for the accommodation on non- calculator sections: Grades 3-5: Four-function with square root and percentage functions</p>
	<p>Forward to next question Back to Previous Question</p>
	<p>Possible to go back without hitting back button multiple times. Allows student to review which questions were not answered or which may have been bookmarked.</p>
	<p>Mark/tag item for review later. Bookmark will show up in Review dropdown</p>
	<p>Pointer – works like a cursor AND allows student to highlight text Multiple select Select all that apply.</p> <ul style="list-style-type: none"> <input type="checkbox"/> A. Multiple-select items are represented by a square. <input type="checkbox"/> B. Multiple-select items allow more than one answer choice to be selected.
	 <p>Ruler Click on inch or centimeter ruler to ‘grab and move’. Grabbing the circle allows the ruler to change orientation. Grade 3 - ¼ inch ruler Grade 4 and 5 – 1/8 inch and centimeter rulers</p>

	 <p>Protractor - Click on protractor to 'grab and move'. Grab circle to orient. Available on grade 4 and 5 assessments.</p>
	<p>Answer eliminator</p> <p>What does the value 2,649 represent?</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> A. the predicted increase in the number of elephants in the region each year <input checked="" type="radio"/> B. the predicted number of elephants in the region in 1995 <input type="radio"/> C. the year when the elephant population is predicted to stop increasing <input type="radio"/> D. the percentage the elephant population is predicted to increase each year
 <p>In top right corner</p>	<div style="border: 1px solid #ccc; padding: 5px;"> <p>Change the background and foreground color</p> <p>Enable Magnifier</p> <p>Show Line Reader Mask</p> <p>Enable Answer Masking</p> <hr/> <p>Sign out of TestNav</p> </div>
<p>Multiple Choice</p>	
<p>Multiple Select</p>	<p>Notice: squares</p>
<p>Drag and Drop</p>	
<p>Equation Editor: Basic (math only)</p>	<p>Basic:</p> 
<p>Equation Editor: Open-response (math plus text)</p>	<p>Open-Response:</p> 

<p>Equation Editor fraction entry</p>	 <p>Enter $2/3$ After entering denominator, 3, hit right arrow key to continue equation. If not, the operation symbol will stay in denominator.</p>
<p>Equation Editor tutorial</p>	<p>https://parcc.pearson.com/tutorial/ Look along right side of web window Available by grade cluster (3-5, 6-8, HS)</p>
<p>Fill-in-the-blank</p>	<p>Negative numbers can be entered (specific to problem) but fractions can not be entered. An error message will be displayed if invalid entry made.</p>
<p>Hot spot</p>	<p>Requires selecting a spot as an answer choice. When selected, the area will turn dark blue. To deselect, select another spot on the line or area and click to select.</p>
<p>Inline-choice items (drop downs)</p>	<p>Student must pick a choice for each drop-down for answer to be considered complete. If not, question will not be scored (score 0)</p>
<p>Coordinate Plane items</p>	<p>Special hot spot to graph a point(s). Student must activate the point being graphed by clicking the bar representing the point.</p>
<p>Drawing items (available as appropriate to help explain an answer)</p>	<p>Drawing Box</p> 
	<p>At end of session, check <i>Review</i> for items that may have been bookmarked or not answered.</p>

Not represented in tutorial:

Matrix

Select one response per **column** or **row**.

Part A

The table shows the lengths of five different animals in a zoo. For each animal, select a place in the table to show whether it is less than or greater than $\frac{5}{10}$ meter in length.

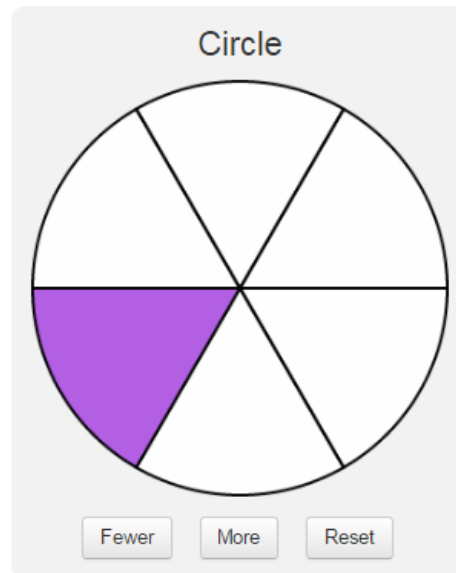
Select one cell per row.


Animal	Length (in meters)	Less than $\frac{5}{10}$ meter	Greater than $\frac{5}{10}$ meter
Blue jay	$\frac{25}{100}$	<input type="checkbox"/>	<input type="checkbox"/>
Cottontail rabbit	$\frac{4}{10}$	<input type="checkbox"/>	<input type="checkbox"/>
Raccoon	$\frac{8}{10}$	<input type="checkbox"/>	<input type="checkbox"/>
Snowy owl	$\frac{67}{100}$	<input type="checkbox"/>	<input type="checkbox"/>
Thread snake	$\frac{11}{100}$	<input type="checkbox"/>	<input type="checkbox"/>

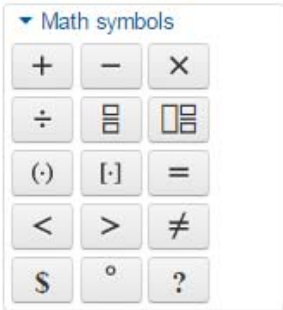
Combo

Use the More or Fewer buttons as many times as needed to divide the circle into 6 equal parts. Then shade $\frac{1}{6}$ of the area of the circle.

Divide the figure into the correct number of equal parts by using the More and Fewer buttons. Then shade by selecting the part or parts.



Type of Item	<p style="text-align: center;">Practice Opportunities</p> <p>2016 Practice Items https://parcc.pearson.com/practice-tests/</p> <p>2016/2015 Release Items https://prc.parcconline.org/assessments/parcc-released-items</p> <p>2016 Practice / 2015 EOY and PBA Practice Items available at MC² website http://mc2.nmsu.edu/ > Standards-Based Resources > MC² PARCC Resources > MC² Current and Archived PARCC Resources (top of page)</p>
Multiple Choice	<p>Practice Items:</p> <p>Grade 3 Unit 2/#10, 11, U3/3, 4 Grade 4 U2/7, 8, 9, U3/2, U4/5, 6 Grade 5 U1/1, U2/2, 6, 8, U3/1, 7, 11</p> <p>Release Items:</p> <p>Grade 3 1, 2, 4, 10, 14, 16, 17, 18, 19, 23, 27, 29 Grade 4 1, 2, 4, 5, 9, 14, 15, 20, 21, 22 Grade 5 1, 3, 11, 12, 14, 15, 18, 19</p>
Multiple Select	<p>Practice Items:</p> <p>Grade 3 U1/1, 5, U2/ 4, 5 Grade 4 U1/7, 11, U3/5, 7 Grade 5 U2/5, U3/2</p> <p>Release Items:</p> <p>Grade 3 3, 8, 21, 26 Grade 4 6, 18, 24 Grade 5 6, 10</p>
Drag and Drop	<p>Practice Items:</p> <p>Grade 3 U2/7, 10, U4/14 Grade 4 U1/5, 6, 10, U2/6, U4/2 Grade 5 U1/2, U2/1, U4/5</p> <p>Release Items:</p> <p>Grade 3 6, 9, 12, 15, 24, 27 Grade 4 7, 13 Grade 5 -</p>
<p>Equation Editor: Basic (math only)</p> 	<p>Basic</p> <p>Practice Items:</p> <p>Grade 3 - Grade 4 U1/2, 8, 10, U2/5, 6, 9 U4/10 Grade 5 U1/10, U2/9, U3/5, U4/10</p>

<p>Open-response (math plus text)</p> 	<p>Release Items: Grade 3 28 Grade 4 - Grade 5 17, 25</p> <p><u>Open-response</u></p> <p>Practice Items: Grade 3 U1/4, 8, U2/3, U3/3, 6 Grade 4 U1/8, 14, U2/3, 13, U4/4, 117 Grade 5 U1/4, 8, U2/3, U3/3, 6, U4/6, 9</p> <p>Release Items: Grade 3 31, 32, 33, 34 Grade 4 26, 28, 29, 30 Grade 5 20, 21, 22, 23, 24, 25</p>
<p>Fill in the blank</p>	<p>Practice Items: Grade 3 U1/2, 4, 6, 9, 10, 12, U2/2, 6, U3/1, 2, 4, 5 Grade 4 U1/1, 3, 4, 9, U2/1, 4, U3/4, U4/1, 2, 3, 8, 9, 12 Grade 5 U1/3, 7, 11, U2/6, 7, U3/4, U4/1, 2, 4, 8, 13</p> <p>Release Items: Grade 3 5, 7, 11, 13, 20, 22, 25, 29, 30 Grade 4 3, 8, 10, 16, 19, 21, 25, 27 Grade 5 2, 4, 7, 8, 13, 16, 18</p>
<p>Hot spot</p>	<p>Practice Items: Grade 3 U1/3, 7, U2/1, 3, U3/7 Grade 4 - Grade 5 -</p> <p>Release Items: Grade 3 - Grade 4 - Grade 5 5</p>
<p>Inline-choice items (drop downs)</p>	<p>Practice Items: Grade 3 - Grade 4 U3/1 Grade 5 U1/5, 9, 12, U2/4, U4/12</p> <p>Release Items: Grade 3 - Grade 4 12, 23, 29 Grade 5 9</p>

<p>Coordinate-graph items</p>	<p>Practice Items: Grade 3 - Grade 4 - Grade 5 U1/6, U4/3</p> <p>Release Items: Grade 3 - Grade 4 - Grade 5 -</p>
<p>Matrix</p>	<p>Practice Items: Grade 4 U4/11 Release Items: Grade 4 23</p>
<p>Student work Anchor Papers</p>	<p>Select 2016 Operational Release Items have student work with scoring. These items may be used as exemplars to showcase how students answered and the score received.</p> <p>They may be found at the end of the release items for each course content assessment.</p> <p>https://prc.parcconline.org/assessments/parcc-released-items</p>