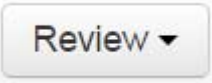
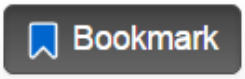
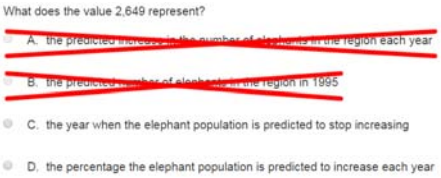
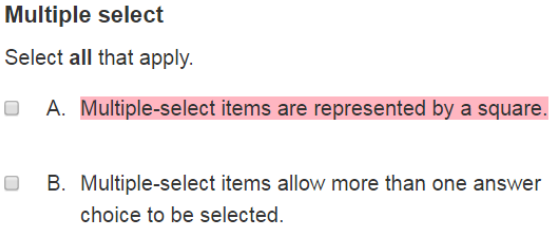
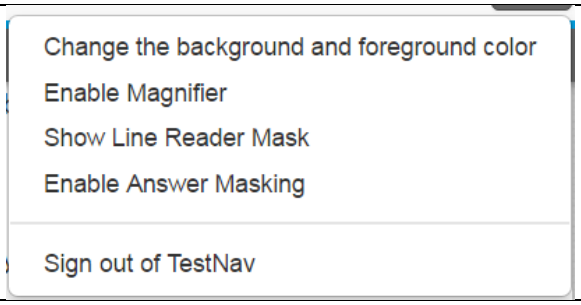
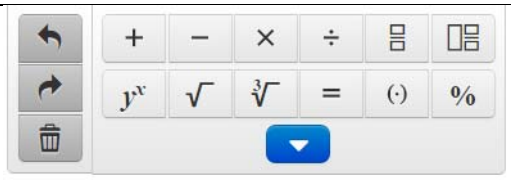
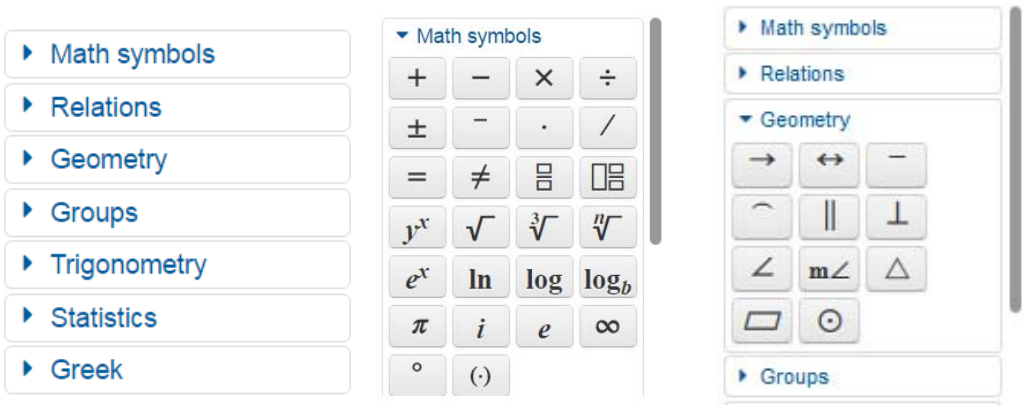
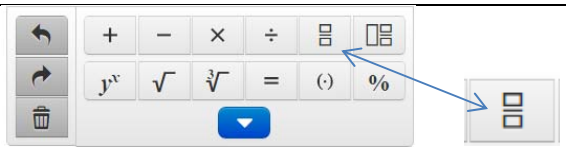
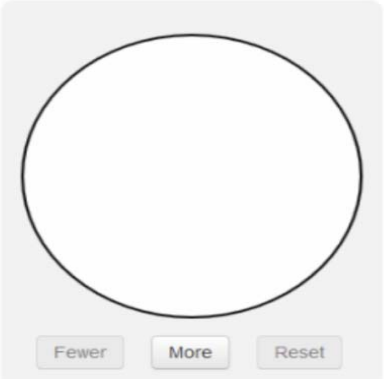
PARCC Math Assessment Technology Navigation ZOOM Meeting

HIGH SCHOOL (including 8th grade Algebra I)

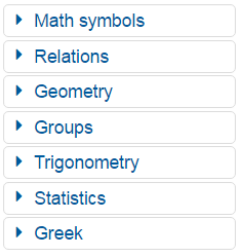
(Use this handout when viewing the YouTube video at https://www.youtube.com/watch?v=ps8zqqxa_g4)

Topic	Discussion
	https://parcc.pearson.com/ >Test Preparation > Tutorials > Online Student Tutorials> High School Math Computer-Based Assessment Tutorial
	Forward to next question Back to Previous Question
	Possible to go back without hitting back button multiple times
	Mark/tag item for review later. Bookmark will show up in Review dropdown
	Answer eliminator 
	Pointer – Allows student to highlight text 
 In top right corner	
Multiple Choice	
Multiple Select	Notice: squares; **one** or more answers possible
Drag and Drop	
Equation Editor: Basic (math values and symbols only)	**Basic:**   Note: blue arrow will open more symbols.

Equation Editor: Open-response (math values, symbols plus text)	**Open-Response:**  **Note: Side slide**
Equation Editor fraction entry Applies to radical and exponential entries also.	 Enter 2/3 After entering denominator, 3, hit right arrow key to continue equation/expression. If not, the operation symbol will stay in denominator.
Equation Editor tutorial	https://parcc.pearson.com/tutorial/ Look along right side of web window Available by grade cluster (3-5, 6-8, HS)
Fill in the blank	Negative numbers **can** be entered but fractions **can not** be entered. An error message will be displayed if invalid entry made.
Hot spot	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.
Inline-choice items (drop downs)	Student must pick a choice for each drop-down for answer to be considered complete. If not, question will not be scored (score 0)
Line-graph items	Line-graph items require selecting two points which are automatically connected by a line. To remove point, click on point again and it will be deselected.
Bar-graph items/ Histogram items	Drag the bar to correct length. Note: the default is NOT zero; make sure to drag to correct length for each bar.
Function-graph items	Function-graph items require choosing a function on the left side of the grid. After selecting a function, a parent function will appear that can be stretched or otherwise manipulated to graph the problem given.
	TI-84 graphing calculator *Silver Edition*
Interactive-Number-Line items	Interactive-number-line items require choosing rays or segments to plot on a number line. A remove button will be activated when selection made that allows entry to be cleared.

System of Equations items	Activate the line(s) being graphed by selecting Line A, B, etc. (graphed line will be the same color) and select the line style (i.e. solid line or dotted line). If requested, activate to select point or region of intersection.
Review ▾	At end of session, check *Review* for items that may have been bookmarked or not answered.
Not represented in tutorial:	
Matrix	Select one response per column. Classify each equation as defining y as a linear or nonlinear function of x. Select one cell per column. function: $y = 7 \times 4x$; $y = (2x + 5)^2$; $y = 10x^2$; $y = 5x - 3$; $y = \frac{x}{2}$; $y = 2x^3 + 1$ linear: ○ ○ ○ ○ ○ ○ nonlinear: ○ ○ ○ ○ ○ ○
Comparison (Geometry)	The circle has a radius of 12 units. Shade an area of 24π square units. Divide the circle into the correct number of sections by selecting the "More" button. If you divide the circle into too many sections, use the "Fewer" button. Then, select the number of sections to represent the answer. 

Type of Item	Practice Opportunities **2016 Practice Items** **https://parcc.pearson.com/practice-tests/** **2016 Release Items** **https://prc.parcconline.org/assessments/parcc-releassed-items** **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)**
Multiple Choice	Practice Items: Algebra I U1/#2, 4, 5; U2/ 4, 5, 9, 14; U3/6, 7, 11, 12 Geometry U1/1, 6; U2/3, 4, 7; U3/1, 2, 3, 7, 8, 12, 13 Algebra II Unit 1/5, 6, 8; U2/5, 10, 14; U3/ 1, 4, 6, 7, 11 Release Items: Algebra I #1, 2, 3, 5, 8, 17, 19,22,25 Geometry #3, 4, 7, 8,10,17,19, 20, 22,25 Algebra II #1, 2, 4, 7, 10, 11
Multiple Select	Practice Items: Algebra I U2/1, 10, 11, 15; U3/3 Geometry U1/10; U2/2, 10, 16; U3/6, 10 Algebra II U1/8; U2/9, 15; U3/4, 9 Release Items: Algebra I #3,7,9,10,11,18,20,28 Geometry #5, 11 13, 14, 15, 18 Algebra II #12, 31
Drag and Drop	Practice Items: Algebra I U1/1; U2/6 Geometry U1/8; U2/9, 11, 13, 14; U3/3 Algebra II U1/9; U2/4 Release Items: Algebra I #2, 15, 16,23 Geometry #23 Algebra II #6, 7, 13
Equation Editor: Basic (math only) 	**Basic** Practice Items: Algebra I U1/6; U2/7; U3/1, 11 Geometry Algebra II U1/2; U2/1, 2, 5, 8

Note: blue arrow will open more symbols. **Open-respon**se (math plus text)   Note: side slider	Release Items: Algebra I #15, 2015 PBA Release #11; EOY Release #12 Geometry #8 Algebra II #2, 6, 8 **Open-response** Practice Items: Algebra I U2/3; U2/8; U3/5, 9, 10 Geometry U2/5, 8, 15; U3/5, 9, 11 Algebra II U2/3, 7, 12; U3/2, 10 Release Items: Algebra I #30, 15, 29; 2015 PBA Release #4, 22, 13, 15, 18; EOY Release #25, Geometry #12, 13, 15,16,17, 27, 28, 29, 30 Algebra II #11, 14, 15, 19, 20, 21
Fill in the blank	Practice Items: Algebra I U1/6, 7, U2/2, U3/2, 4, 11 Geometry U1/2, 4, U2/3, 10, 12, 14, U3/4, 7, 13 Algebra II U1/1, 3, 10; U2/6; U3/1, 4 Release Items: Algebra I #13, 14, 15, 21, 26, 27, 28 Geometry #6, 8, 12, 15, 16, 22 Algebra II #1, 3, 8, 9, 10, 11, 16, 18, 19, 20
Hot spot	Practice Items: Algebra I Geometry U1/7 Algebra II Release Items: Algebra I Geometry Algebra II
Inline-choice items (drop downs)	Practice Items: Algebra I U1/8, 10; U2/10, 12; U3/2 Geometry U1/5, 9; U2/1 Algebra II U2/14; U3/3

	Release Items: Algebra I #4, 26 Geometry #2, 12 Algebra II #4, 27
Line-graph items	Practice Items: Algebra I U1/3; U2/13; U3/8 Geometry Algebra II Release Items: Algebra I Geometry Algebra II
Bar-graph items Histogram items	Practice Items: Algebra I Geometry Algebra II U3/8, 11 Release Items: Algebra I Geometry Algebra II
Function-graph items	Practice Items: Algebra I U1/9, EOY 6 Geometry U1/3 Algebra II U3/5 Release Items: Algebra I #12; EOY #25; PBA #4 Geometry Algebra II #11, 15
Interactive-Number-Line items	Practice Items: Algebra I Geometry Algebra II U1/7 Release Items: Algebra I Geometry Algebra II
System of Equations items	Practice Items: Algebra I Geometry Algebra II

	Release Items: Algebra I Geometry Algebra II
Matrix	Practice Items: Algebra I U1/2 Geometry U2/6 Algebra II U1/4; U2/11, 13 Release Items: Algebra I Geometry Algebra II #5
Student work Anchor Papers	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. • They may be found at the end of the release items for each course content assessment. **https://prc.parcconline.org/assessments/parcc-releassed-items**