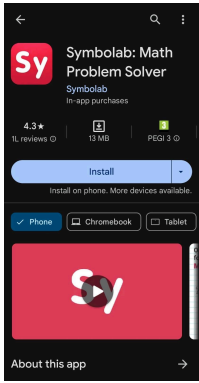
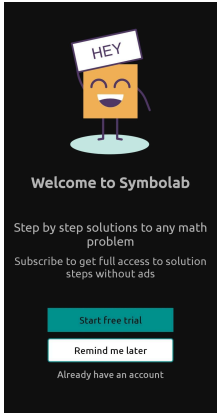

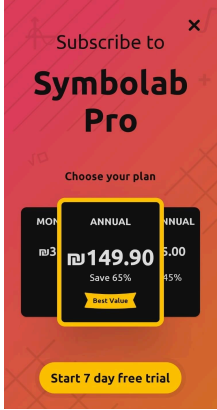

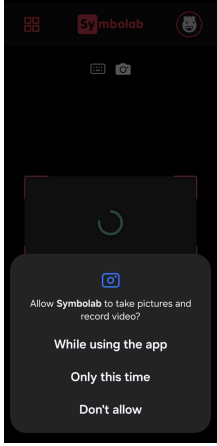
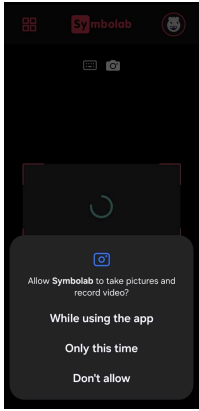

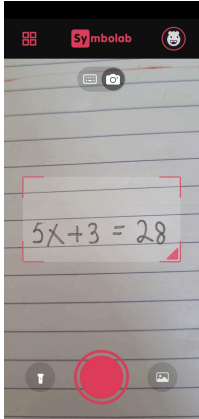
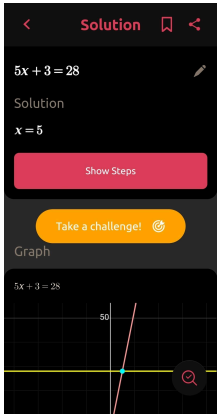
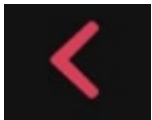



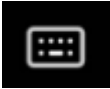
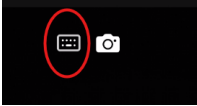
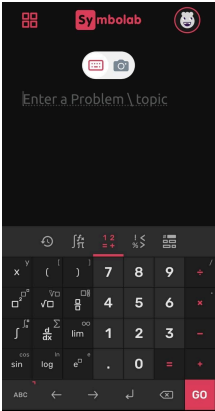

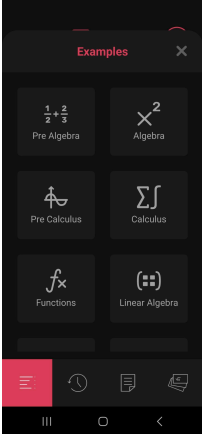

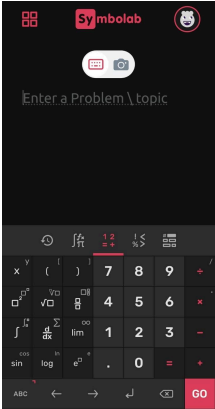
Symbolab application

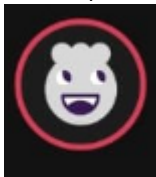
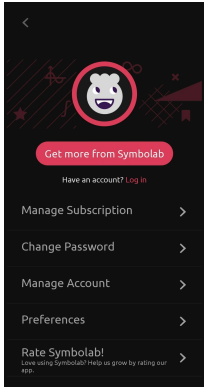
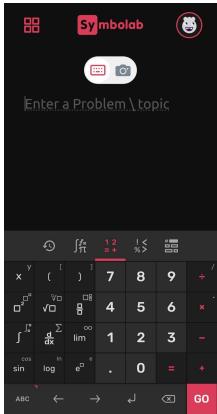
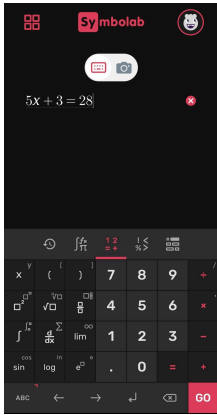
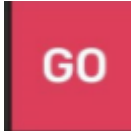
Smoke test
<p><u>Prerequisites:</u></p> <ul style="list-style-type: none"> • Stable internet connection • Mobile device • Camera access
<p><u>Test description:</u> Testing the functionality of:</p> <ul style="list-style-type: none"> • Solution Accuracy • Camera and photo capture • Keypads <p><u>Version:</u> 10.6.2</p>

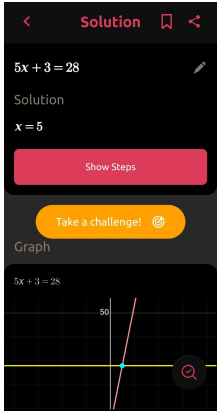
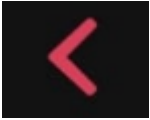
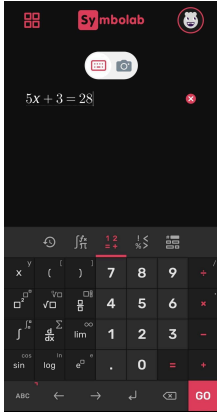
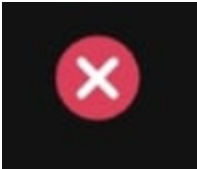
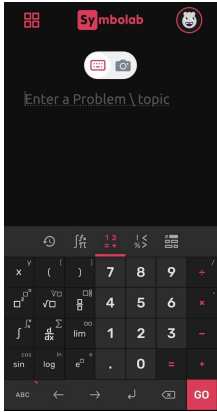
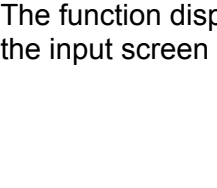
Step	Action	Expected results	Actual results	Pass/Fail
1	Install the “Symbolab” app: 	The app will be successfully installed to the mobile device	The app has successfully installed to the mobile device	Pass
2	Launch the app	A “Welcome” page will appear	A “Welcome” page appears	Pass

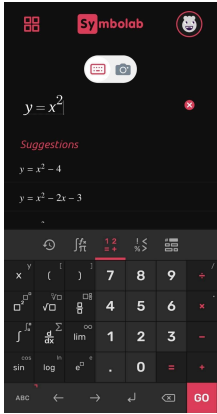
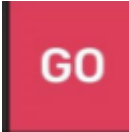
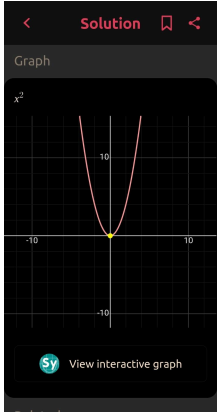
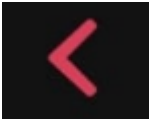
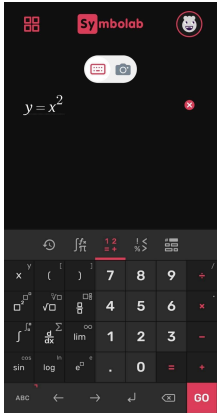
			 <p>A welcome screen for the Symbolab app. It features a cartoon character holding a sign that says "HEY". Below the character, it says "Welcome to Symbolab". Further down, it says "Step by step solutions to any math problem" and "Subscribe to get full access to solution steps without ads". At the bottom, there are two buttons: "Start free trial" (highlighted in red) and "Remind me later". A link "Already have an account" is at the very bottom.</p>	
3	<p>Click on "Start free trial"</p> 	A "Subscription" page will appear	 <p>A subscription page for Symbolab Pro. It has a red background with a grid pattern. At the top, it says "Subscribe to Symbolab Pro". Below that, it says "Choose your plan". There are three plans: "MONTHLY", "ANNUAL" (highlighted with a red box), and "ANNUAL". The "ANNUAL" plan shows a price of "149.90" and "Save 65%". At the bottom, there is a red button that says "Start 7 day free trial".</p>	Pass
4	<p>Click on the "x"</p> <p>(Located on the upper right)</p> 	The app's camera will open	 <p>A screen showing the app's camera interface. At the top, there is a red bar with the Symbolab logo and a red "x" button in the upper right corner. Below the bar, there is a camera viewfinder. At the bottom, there is a permission dialog that says "Allow Symbolab to take pictures and record video?" with options "While using the app", "Only this time", and "Don't allow".</p>	Pass

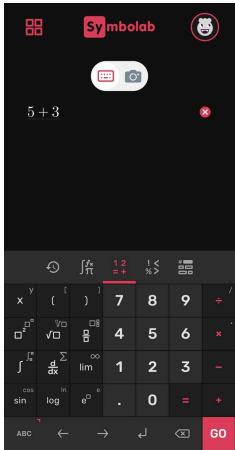
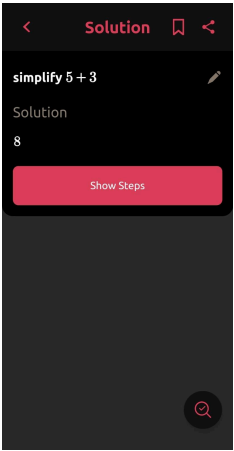
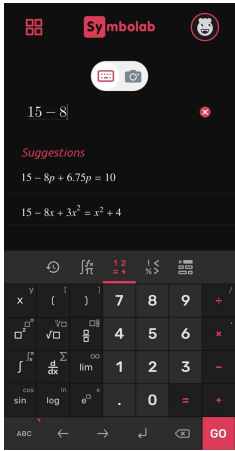
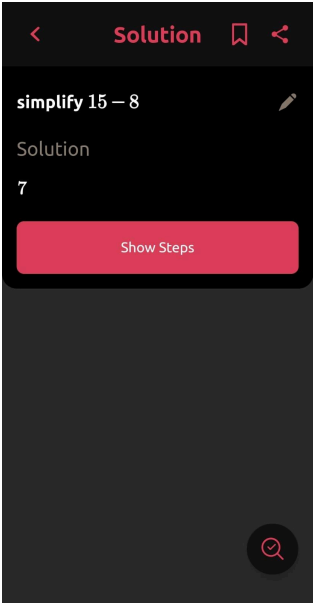
Camera and photo capture				
5	<p>Allow camera permissions</p> 	The permission window will disappear	<p>The permission window disappeared</p> 	Pass
6	<p>Take a photo of a hand-written math equation</p> 	The problem will be captured accurately in the Symbolab app	<p>The "Solution" page appears</p> 	Pass
7	<p>Tap on the arrow</p> 	The camera will reopen	<p>The camera has reopened</p> 	Pass

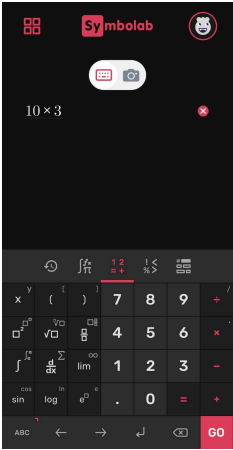
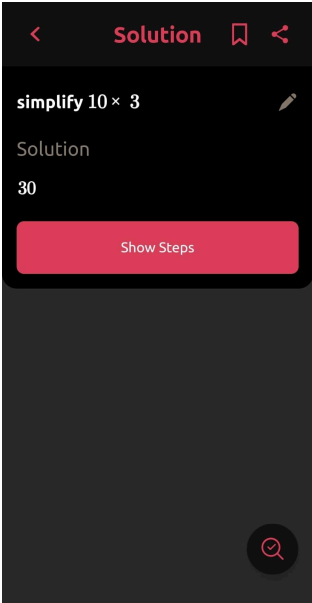
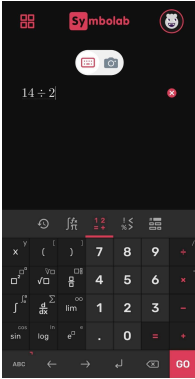
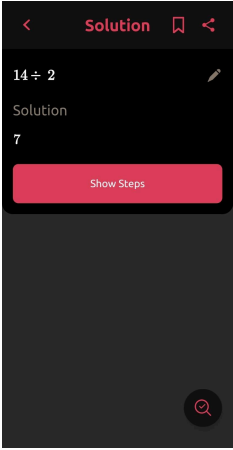
Keyboard and numeric keypad				
8	Tap on  	The app's main screen will open	The app's main screen is now opened 	Pass
9	Tap on  (Located on the upper left of the default screen)	Examples window will be displayed	'Examples' window is now open 	
10	Tap on the 'x' 	Default screen will appear	Default screen appears 	
11	Tap on the avatar (Located on the upper right of the default	'Login' page will appear	'Login' page appears	


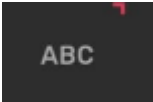
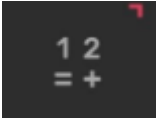
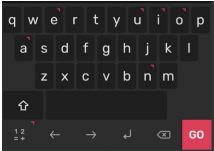
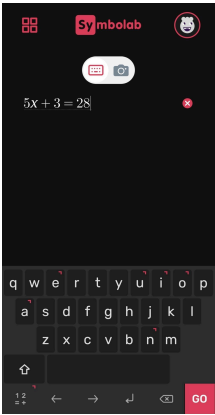
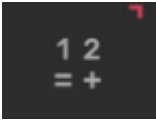
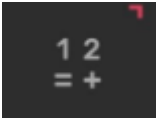
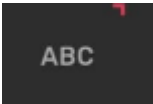


	<p>screen)</p> 			
12	<p>Tap the arrow (Located on the upper left)</p>	<p>Default screen will open</p>	<p>Default screen is now open</p> 	
13	<p>Type in the math equation '$5x + 3 = 28$'</p>	<p>The selected characters will appear on the "input" screen</p>	<p>The selected characters appear on the "input" screen</p> 	<p>Pass</p>
14	<p>Tap on "Go"</p> 	<p>The 'Solution' page will appear</p> <p>The solution will be accurate $x = 5$</p>	<p>The 'Solution' page appears</p> <p>The solution is accurate</p>	<p>Pass</p>

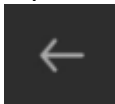
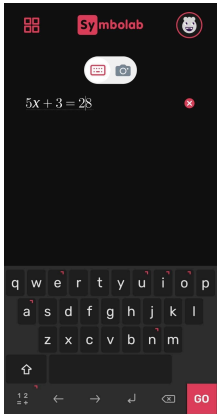

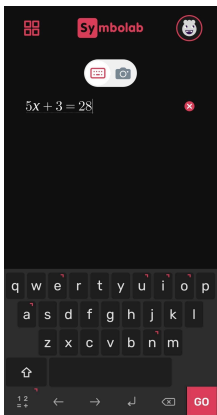

				
15	Tap on the arrow 	The screen will return to its previous display	The screen has returned to its previous display 	Pass
16	Tap the "x" 	The math problem inside the input field will be deleted	The input field is now empty 	Pass
17	Plot the function: $y = x^2$	The function will display on the input screen	The function displays on the input screen 	Pass

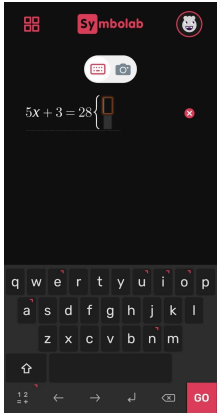

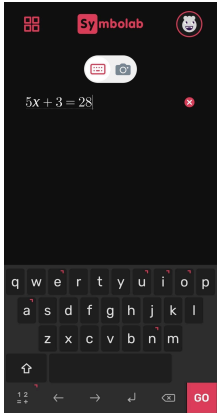
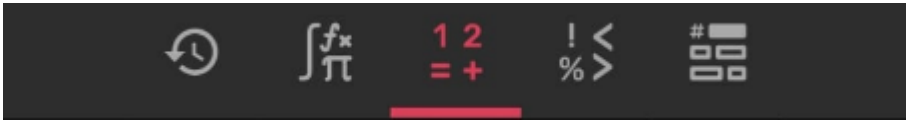

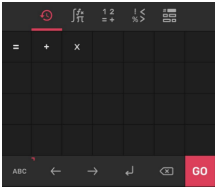
				
18	<p>Tap on "Go"</p> 	<p>The function $y = x^2$ will be accurately reflected in the graph</p>	<p>Graph is displayed accurately</p> 	Pass
19	<p>Tap on the arrow</p> 	<p>The app will return to its previous display</p> <p>Suggestions will not display**</p>	<p>App has returned to its previous display</p> 	Pass

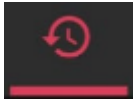
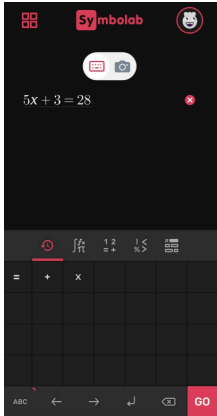
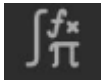


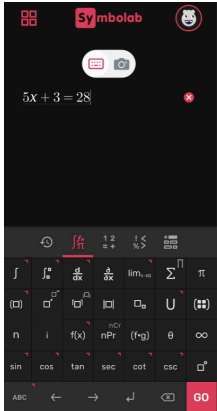

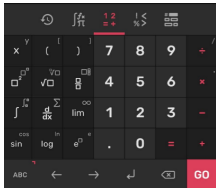
Basic calculations				
20	Perform an 'addition' calculation $5 + 3$	$'5 + 3'$ will display on the input screen 	The solution is shown accurately 	Pass
21	Perform a 'subtraction' calculation $15 - 8$	$'15 - 8'$ will display on the input screen 	The solution is accurate 	Pass
22	Perform a 'multiplication' calculation $10 * 3$	$'10 * 3'$ will display on the input screen	The solution is accurate	Pass


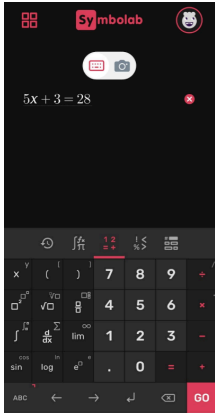


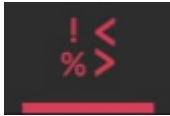
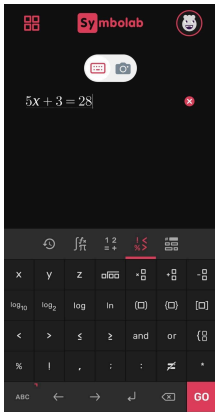

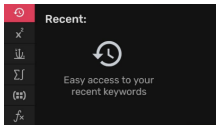
		 A screenshot of the Symbolab mobile app interface. At the top, there's a header with the Symbolab logo and a user profile icon. Below the header, the input field shows '10 x 3'. A red 'X' icon is to the right of the input. Below the input field is a large keypad with various mathematical symbols and numbers. The keypad includes buttons for basic operations (+, -, *, /), parentheses, exponents, roots, and trigonometric functions. A red 'GO' button is at the bottom right of the keypad.	 A screenshot of the Symbolab 'Solution' screen. The title 'Solution' is at the top. Below it, the problem 'simplify 10 x 3' is shown. The solution '30' is displayed. A red button labeled 'Show Steps' is below the solution. A magnifying glass icon is at the bottom right.	
23	Perform a division calculation 14/2	<p>'14/2' will display on the input screen</p>  A screenshot of the Symbolab mobile app interface. The input field shows '14 ÷ 2'. A red 'X' icon is to the right of the input. Below the input field is a large keypad with various mathematical symbols and numbers. The keypad includes buttons for basic operations (+, -, *, /), parentheses, exponents, roots, and trigonometric functions. A red 'GO' button is at the bottom right of the keypad.	 A screenshot of the Symbolab 'Solution' screen. The title 'Solution' is at the top. Below it, the problem '14 ÷ 2' is shown. The solution '7' is displayed. A red button labeled 'Show Steps' is below the solution. A magnifying glass icon is at the bottom right.	Pass


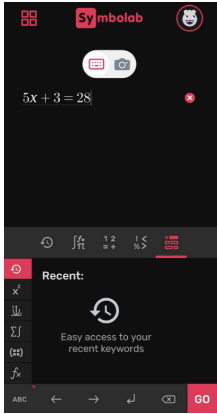

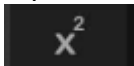
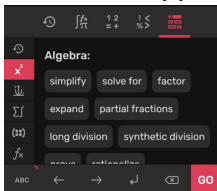
Bottom bar - Keyboard				
				
24	Tap on 	The “ABC” button will change to the “calculate” button  The numeric keypad will change into a keyboard 	The “ABC” button changed to the “calculate” button The numeric keypad is now a keyboard The screen looks like this: 	Pass
25	Tap on the “Calculate” button 	The “Calculate” button  will change to the “ABC” button  The keyboard will change into a numeric keypad 	The “Calculate” button changed to the “ABC” button The numeric keypad is now a keyboard 	Pass


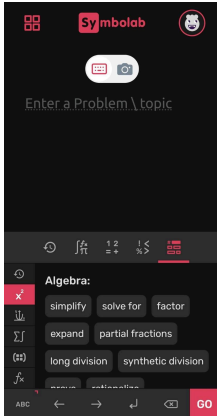

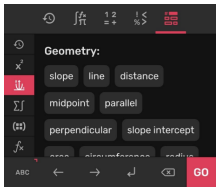

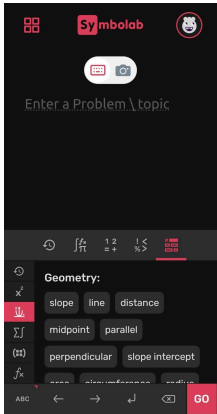

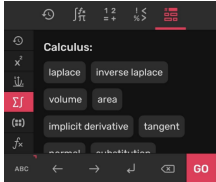

26	<p>Tap on</p>  <p>(Bottom bar)</p>	<p>The cursor will move to the left of the equation</p> <p>From this:</p> $5x + 3 = 28$ <p>To this:</p> $5x + 3 = 28$	<p>The cursor moved to the left of the equation</p> <p>The screen looks like this</p> 	Pass
27	<p>Tap on</p>  <p>(Bottom bar)</p>	<p>The cursor will move to the right of the equation</p> <p>From this:</p> $5x + 3 = 28$ <p>To this:</p> $5x + 3 = 28$	<p>The cursor moved to the right of the equation</p> <p>The screen looks like this:</p> 	Pass
28	<p>Tap on</p>  <p>(Bottom bar)</p>	<p>Curly brackets will appear on the right side of the equation</p> $5x + 3 = 28 \left\{ \right.$	<p>Curly brackets appear on the right side of the equation</p> <p>The screen looks like this:</p>	Pass

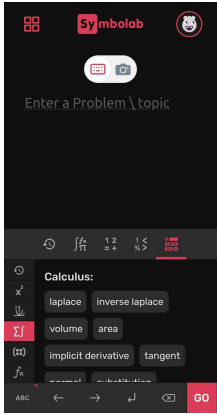

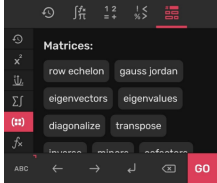

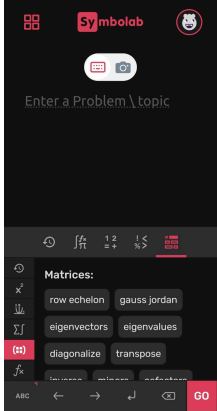

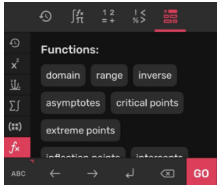

				
29	<p>Tap on</p>  <p>(Bottom bar)</p>	<p>The digits to the left of the cursor will be deleted</p>	<p>The brackets no longer appear</p> <p>The screen looks like this:</p> 	Pass
<p>Upper bar - Keyboard</p> 				
30	<p>Tap on</p>  <p>(Upper bar)</p>	<p>The numeric keypad will show the recently used characters</p>  <p>The button will become red</p>	<p>The numeric keypad shows the recently used characters</p> <p>The button has turned red</p> <p>The screen looks like this:</p>	Pass

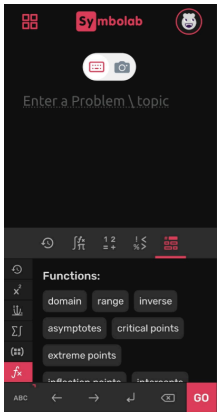
				
31	Tap on 	<p>The numeric keypad will change</p>  <p>The button will become red</p> 	<p>The numeric keypad has changed</p> <p>The button has turned red</p> <p>The screen looks like this:</p> 	Pass
32	Tap on  (Upper line)	<p>The numeric keypad will change</p>  <p>The button will become red</p>	<p>The numeric keypad has changed</p> <p>The button has turned red</p> <p>The screen looks like this:</p>	Pass

				
33	<p>Tap on</p>  <p>(Upper line)</p>	<p>The numeric keypad will change</p>  <p>The button will turn red</p> 	<p>The numeric keypad has changed</p> <p>The button has turned red</p> <p>The screen looks like this:</p> 	Pass
34	<p>Tap on</p>  <p>(Upper bar)</p>	<p>The numeric keypad will change into a “Recent” window</p> <p>Side menu will appear</p> <p>There will be a side menu</p>  <p>The button will turn red</p>	<p>The numeric keypad has changed</p> <p>There is a side menu</p> <p>The screen looks like this:</p>	Pass

				
<div data-bbox="646 1115 997 1153" data-label="Section-Header"> <h3>Side menu - Keyboard</h3> </div> 				
35	Tap on 	Algebra examples screen will appear 	Algebra examples screen appears The button is now red The screen looks like this:	Pass

		<p>The button will turn red</p> 		
36	<p>Tap on</p> 	<p>“Geometry- examples” screen will appear</p>  <p>The button will turn red</p> 	<p>“Geometry- examples” screen appears</p> <p>The button is now red</p> <p>The screen looks like this:</p> 	Pass
37	<p>Tap on</p> 	<p>“Calculus” screen will appear</p>  <p>The button will turn red</p> 	<p>“Calculus” screen appears</p> <p>The button is now red</p> <p>The screen looks like this:</p>	Pass

				
38	Tap on 	<p>“Matrices” screen will appear</p>  <p>The button will turn red</p> 	<p>“Matrices” screen appears</p> <p>The button is now red</p> <p>The screen looks like this</p> 	Pass
39	Tap on 	<p>“Functions” screen will appear</p>  <p>The button will turn red</p> 	<p>“Functions” screen appears</p> <p>The button is now red</p> <p>The screen looks like this</p>	Pass

				
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