

Name \_\_\_\_\_

## TI Nspire CAS Scavenger Hunt (Algebra 1)

1. How do you turn this calculator off?
2. In general, what does pressing the light blue  key do?
3. Ctrl and tapping which key darkens the screen tint? Which key lightens the screen tint?
4. Open a Calculator page in a new document(N for new document).  
What does the number in the top left corner tell us? \_\_\_\_\_  
What does the number in the bottom right corner tell us? \_\_\_\_\_
5. Insert a “List & Spreadsheets” page by going to Home  and choosing 3: Lists & Spreadsheets. What is the label at the top of this page? \_\_\_\_\_. What does that mean?
6. How do you move back to the first Calculator page that you have open?
7. What happens if you hit  and the up arrow on the NavPad? \_\_\_\_\_  
Press  on Page 2 of your problem. Notice this page is now deleted. How can you get the page back?
8. Choose the calculator screen that you already have open. Take the square root of 16 by using   16 and . Use the same key sequence to find  $\sqrt{31}$ . How does the answer appear on the screen? \_\_\_\_\_. How do you get a decimal approximation to this problem?
9. Change the Display Digits setting to ‘Float 10’ at the system level. (See part VII of the Primer document for help changing settings).  
Give the decimal approximation of  $\sqrt{31}$ . \_\_\_\_\_  
(How is this answer different from the answers in #7 and #8 above?)

10. Press   . What happens? \_\_\_\_\_

Use this feature to do the following addition problem on your calculator screen:

$$\frac{2}{3} + \frac{1}{4}$$

What does the calculator give as an answer? \_\_\_\_\_

11. Where is the  key located on the TI-Nspire CAS? \_\_\_\_\_

What is the decimal approximation of  $\pi$  given by your calculator? \_\_\_\_\_

12. Clear all the entries on the calculator page. How did you do this? \_\_\_\_\_

How can you get back everything you've erased?

13. Go to  ("Tools"),  "File",  "Document Settings". Many of the document settings may not look familiar. Later this year, we will need to change the angle mode. Verify that the current document is in degree mode. If it is still in radian, change it to degree and press . *If you're not sure how to change to degree mode, see section VI in the Primer.*