

Name: _____ Class: _____ Date: ___/___/20__

TI-83/84 Scavenger Hunt

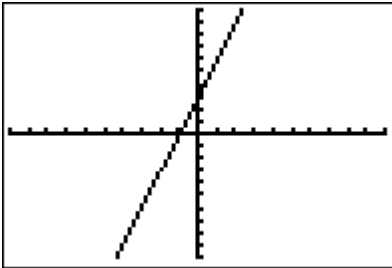
1. Press $\boxed{2\text{nd}}\boxed{+}\boxed{\text{ENTER}}$ what is the ID of your calculator: _____
2. What happens when you press $\boxed{\text{ALPHA}}$ and then press either $\boxed{\blacktriangle}$ or $\boxed{\blacktriangledown}$: _____
3. If you want to raise a number to a power such as 3^{45} you use this key $\boxed{\wedge}$ what is this called: _____ (hint Bugs Bunny eats them all the time)
4. Using that solve this problem: $2^{21} =$ _____
5. What do you think this key is used for $\boxed{\text{SIN}}$: _____
6. What do you think this key is used for $\boxed{\text{COS}}$: _____
7. What do you think this key is used for $\boxed{\text{TAN}}$: _____
8. When would knowing these keys be helpful to you: _____
9. If you want to square a number you press this key $\boxed{x^2}$, what does this equal $37^2 =$ _____
10. Some actions on the calculator will require you to use parenthesis to get the correct answer. Solve these two equations to see if this is true.
1) $(8+9-4)*2 =$ _____ 2) $8+9-4*2 =$ _____
11. What is the answer to this problem $\boxed{7}\boxed{[10^x]}\boxed{4}\boxed{)}$: _____
12. Your teacher wants you to only have 5 numbers after the decimal place to do this on the calculator use these keys: $\boxed{\text{MODE}}\boxed{\blacktriangledown}\boxed{\blacktriangleright}$ (press $\boxed{\blacktriangleright}$ till you have reached the value you want)
 $\boxed{\text{ENTER}}\boxed{2\text{nd}}\boxed{\text{MODE}}$ what is the answer to this problem rounded out at 5 spaces $\frac{9}{54} =$ _____
13. Go to $\boxed{\text{Y=}}$ and enter this equation $3x+8-5$ then go to $\boxed{\text{GRAPH}}$ can you see the points where the line crosses the X-axis _____.
14. Using the same graph hit $\boxed{2\text{nd}}\boxed{\text{GRAPH}}$ this shows your table option on this graph what point is Y when X= -15: (-15, _____)
15. You are finding the sign of 74 and you get this number -.98515, you then see you got it wrong on you test and your teacher tells you it is because you had the wrong mode. She tells you that to change it hit these keys $\boxed{\text{MODE}}\boxed{\blacktriangledown}\boxed{\blacktriangledown}\boxed{\blacktriangleright}\boxed{\text{ENTER}}\boxed{2\text{nd}}\boxed{\text{MODE}}$ what is the correct answer: _____
16. You have a program on your calculator you are using in class the kid next you does not, what key would you use to send him the program: _____
17. In these calculators you have hundreds of functions that do not have keys, you can take hours to find one thing or you can use the catalog, what key combo is needed to open the catalog:

18. On the catalog screen you see a $\boxed{\text{A}}$ this means that you are in the alphabetical mode hit $\boxed{x^2}$ what is the 7th item in this list: _____
19. To convert a number to a fraction hit the $\boxed{\text{MATH}}$ key and select option 1, what does .74 equal as a fraction: _____/_____
20. You can also us this function to reduce a fraction reduce this fraction using your calculator
 $\frac{950}{1450} =$ _____/_____

Grade: _____/20

Teachers Key for this work sheet:

1. This answer will vary student gets +1 point for it
2. The calculator screen gets brighter or dimmer
3. Carrot
4. 2097152
5. Sine
6. Cosine
7. Tangent
8. Using the trig functions
9. 1369
10. 1)26 2)9
11. 70000
12. .16667



13. You can see where, but you are unable to see the exact point.
14. (-15,-42)
15. .96126
16. $\boxed{2\text{nd}}\boxed{X,T,\Theta,n}$ (also called link)
17. $\boxed{2\text{nd}}\boxed{0}$
18. Input
19. $\frac{37}{50}$
20. $\frac{19}{29}$

Each question is worth one point the only question that will give every student a point is question #1.