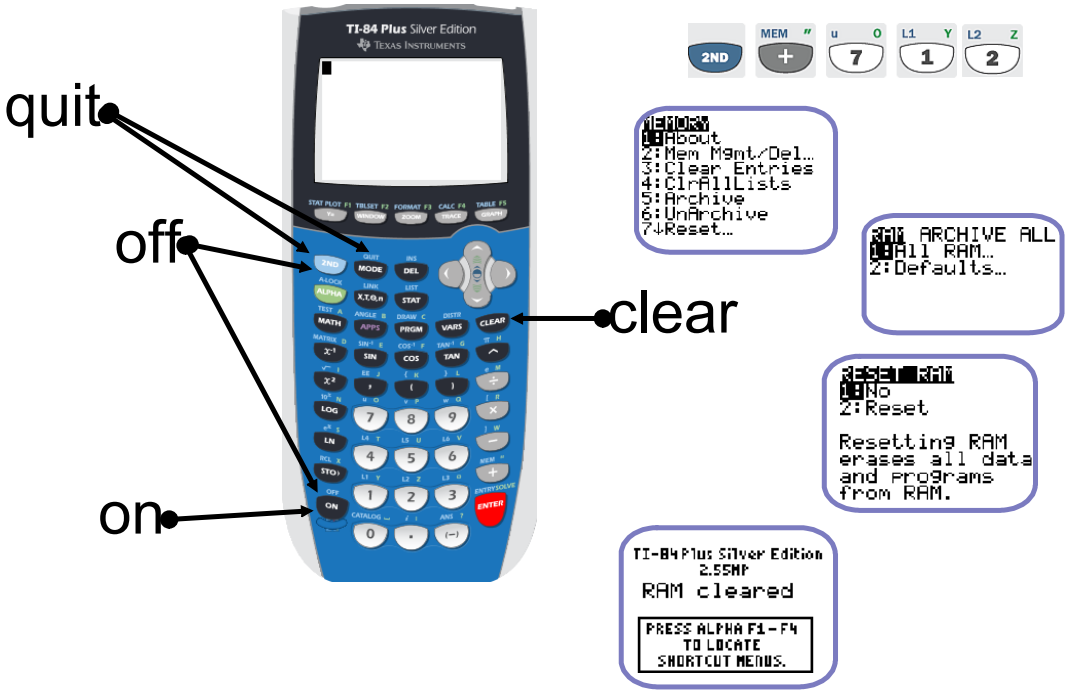
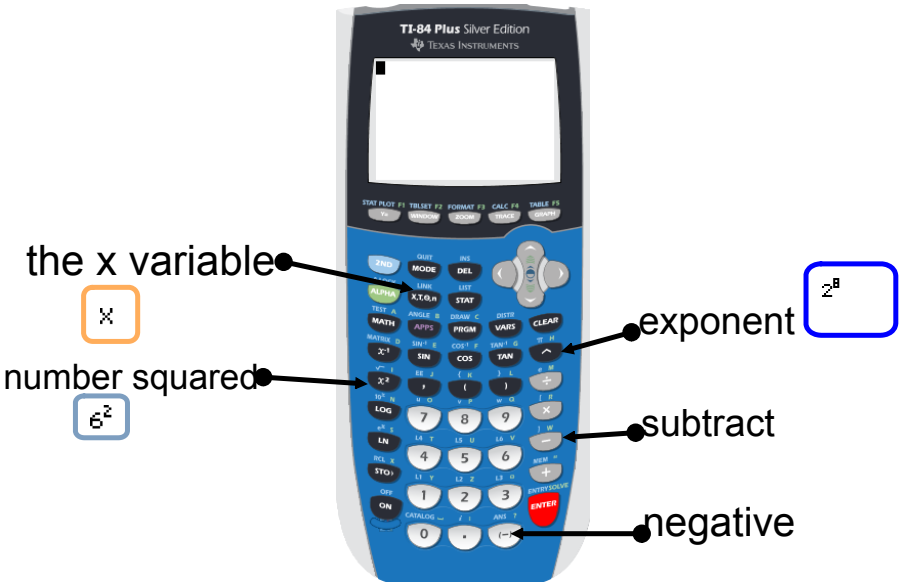
Calculator Use for Parents

Texas Instruments TI 84 Plus

Basics: On Clear Quit Off Memory reset

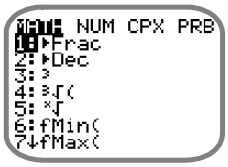


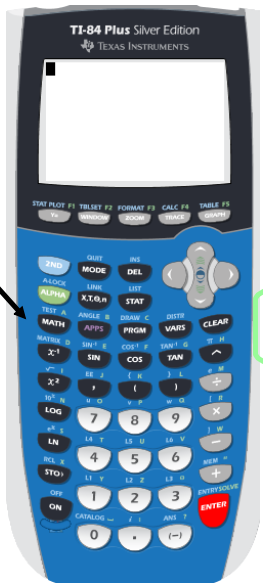
Face Buttons



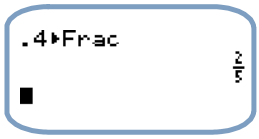
Hidden Buttons

math

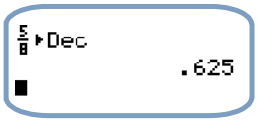




3: cube root



1: change a decimal on screen to fraction



2: change a fraction on screen to decimal

Absolute value

Shortcuts

1 

2 

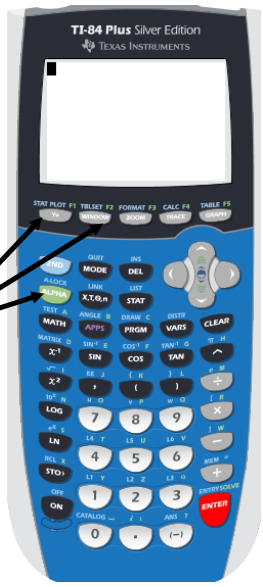
3 $\frac{13}{4}$ ▸n/d◂▸Un/d

$3\frac{1}{4}$

4 $\frac{4}{5}$ ▸F◂▸D

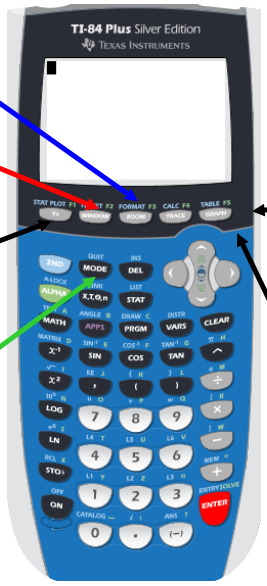
.8

alpha F1



alpha F2

Graphing



zoom

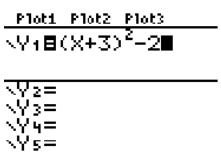
window

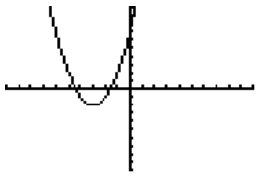
y=

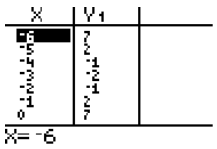
mode

graph

2nd graph is the table

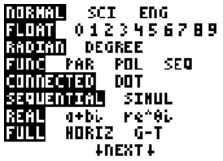




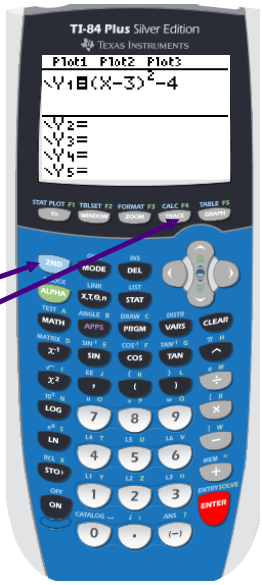


zoom standard

mode

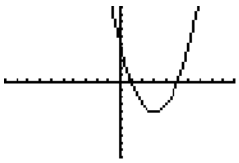


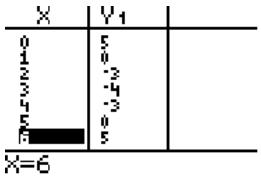
Graph screen

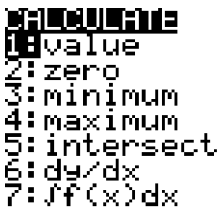


2nd

Calc







1] value: what is y in this equation given a value for x

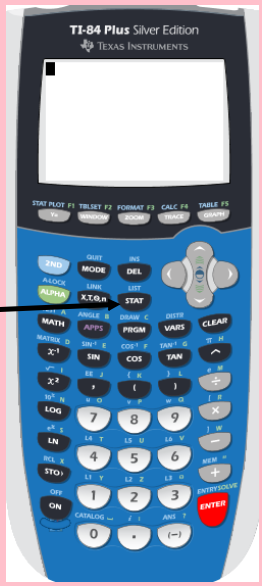
2] zero: what is the x value when y=0

3] minimum: what is the relative minimum, or lowest value on the graph

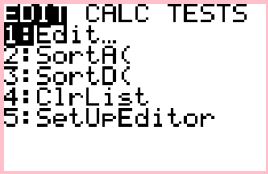
4] maximum: what is the relative maximum, or highest value on the graph

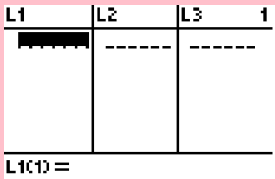
5] intersect: where does the graph intersect an axis OR another graph

Statistics

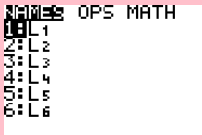


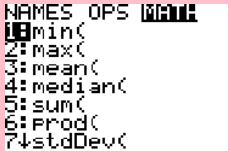
stat

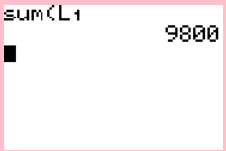




enter the list of numbers to compute: averages, equations, etc





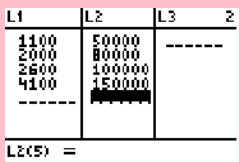


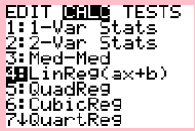
The chart shows city real estate taxes paid by four families and the assessed value of their homes.

Family	Hardy	Jacobs	Rosinni	Martinez
Value	$50,000	$80,000	$100,000	$150,000
Taxes	$1,100	$2,000	$2,600	$4,100

The tax on the Miller home was $1,700. What was the assessed value?

F $60,000
G $65,000
H $68,000
J $70,000





Testing Strategies

STORE Can be used on multiple choice questions

choose *ANY SMALL PRIME* 3 or above to store !

Enter, get a value...

The random question value will match one of the choices, THAT IS THE ANSWER

Which is a simplified form of the following expression?

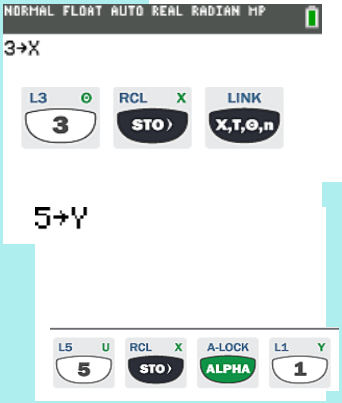
$(xy^3)(xy)^4$

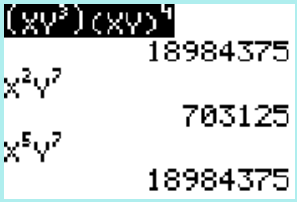
F x^2y^7

G x^4y^{12}

H x^5y^7

J x^5y^{12}





Which expression is equivalent to $\frac{1}{6}(30x-24y)-\frac{1}{8}(32x-16y)$?

A $x-6y$

B $x-2y$

C $2x-4y$

D $9x-6y$

Alg 1
2015

Home screen

NO store needed if no variables and ALL NUMBERS...Enter on Homescreen, get random decimal, enter each answer choice, get same random decimal, THAT IS THE ANSWER!!!

Written in simplest radical form, $\sqrt{32}$ is equal to —

A $2\sqrt{4}$

B $2\sqrt{16}$

C $4\sqrt{2}$

D $8\sqrt{2}$

$\sqrt{32}$
5.656854249
$2\sqrt{4}$
$2\sqrt{16}$
4
8
$4\sqrt{2}$
$8\sqrt{2}$
8
5.656854249
11.3137085

Which is equivalent to $\sqrt[3]{48}$ in simplest form?

A $2\sqrt[3]{6}$

B $6\sqrt[3]{2}$

C 16

D 24

Alg 1 2015

Y= ASK the calculator the answer !!!

If you see an equal sign in the problem...

"Y ="Solve equations one variable in Calculator

What is the solution to the equation $\frac{1}{6}(12x+30)=5x+7$?

A: -2

B: $-\frac{2}{3}$

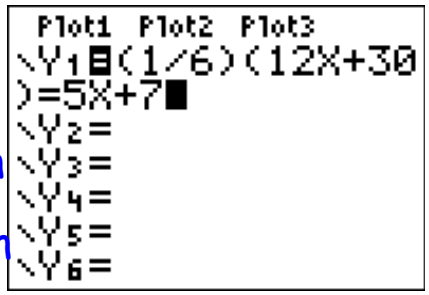
C: $\frac{2}{3}$

D: 2

-press y=, enter equation

-2nd math (test) get = sign

-enter the rest of equation



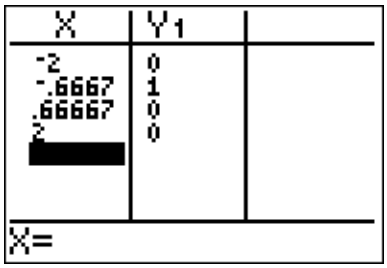
-2nd window (table set)

-arrow to Indpnt:"ask" enter

-2nd graph (table)

-enter each choice until see "1"

that is your answer! (choice b)



Remember **1** means yes, **0** means no!

Yeah, you know the the calculator just told you what the right answer is!!!)

y=ask practice

What value of p will make this equation true?

$$\frac{6p+4}{6} = \frac{4p-8}{3}$$

A -10

B -6

C 2

D 10

alg 1 2013

What value of x makes this equation true?

$$3x - 20 = -2x$$

A -20

B -4

C 4

D 20

Alg 1 2015

What values of x are solutions of $3x^2 + 11x = 20$?

A $-\frac{4}{3}$ and 5

B $-\frac{5}{3}$ and 4

C -4 and $\frac{5}{3}$

D -5 and $\frac{4}{3}$

Alg 1 2015