

Operation	How the problem would appear in a math book	What you should enter on the calculator	What should appear on the calculator as the problem	What should appear on the calculator as the answer
Negative numbers	$-3-4$	(-) 3 - 4 ENTER	$-3-4$	$-7$
Fractions	$\frac{2}{4}$	$2 \div 4$ ENTER	$\frac{2}{4}$	$\frac{1}{2}$
Fractions to decimals * **	What is $\frac{1}{3}$ as a decimal?	$1 \div 3$ . ENTER	$\frac{1}{3}$ .	0.33333333
Decimals to fractions	Convert 0.4 to a fraction	exact( . 4 ) ENTER	exact(0.4)	$\frac{2}{5}$
Powers	$3^2$	$3 \wedge 2$ ENTER	$3^2$	9
Square root	$\sqrt{25}$	$2^{\text{nd}} \times 25$ ) ENTER	$\sqrt{25}$	5
Higher order Roots	$\sqrt[3]{8}$	$8 \wedge ( 1 / 3 )$ ENTER	$8^{1/3}$	2
Substituting values for variables	Let $x=3$	3 STO► x ENTER	3→x	3
Function notation	Let $f(x)=x+3$	$x + 3$ STO► f ( x ) ENTER	$x+3 \rightarrow f(x)$	Done
Solver ***	Solve $x+3=y$ for x	F2 1 $x + 3 = y$ , x ) ENTER	Solve( $x+3=y,x$ )	$x=y-3$
Clear variable values ****		F6 1 ENTER	“Clean Up” “1:Clear a-z” “Clear 1-character variables a-z in current folder”	
Clear Home Screen		F1 8	Tools pull-down 8:Clear Home	
Catalog of built-in and user-defined functions		$2^{\text{nd}}$ 2 (use up/down arrows to navigate) *****	(alphabetized list of many functions)	
Various math functions		$2^{\text{nd}}$ 5 (use numbers or up/down arrows to navigate)	(categorized list of math functions)	

\* Your calculator is normally set to display all division problems as fractions. You can change this setting under MODE.

\*\* There are several ways to convert fractions to decimals; using  $\approx$  by pressing  $\blacklozenge$  ENTER will also give a decimal (approximate) answer for fractions.

\*\*\* You may need to “clear variables” to solve an equation with more than one variable.

\*\*\*\* This only clears 1-character variables, if you assigned a value to a variable with more than one letter (for example “3 STO► x1” or “3 STO► boat”) those variables will retain their value.

\*\*\*\*\* ALPHA lock turns on automatically. Type a letter key to jump to the top of a category. Also,  $2^{\text{nd}}$  up/down arrow jumps one screen at a time. Also, use F1 to see the format of most functions