

Squaring a number can be done easily using a x^2 key. Cubing a number or raising it to any power can be achieved by using \bigwedge key followed by number 3.

Squaring: input the number and then $x^2 = 4^2$ is found by inputting: $4x^2 = 4^2$

You screen will look like: 4 ²	16	
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> Cubing or raising a number to the third power: input the number and then $\boxed{3} = 4^3$ is found by inputting: 4 $\boxed{3} = 4^3$

You screen will look like: 4^3	64

> Raising a number to a power greater than 3: input the number and then $\boxed{(1)}$ (the power desired) =, $(-3)^4$ is found by inputting: $\boxed{(-)}_3 \boxed{(-)}_4 =$

You screen will look like:	(-3)^4	81

Note: if you did not put the -3 in parentheses, the orders of operation raises the 3 to the fourth power and then makes it negative, hence the answer will be -81.

Be careful that you always put negative numbers in parentheses when raising them to powers.

> You can also take values to fractional exponents: $8^{2/3}$ can be found by inputting: $8 \left[\frac{1}{2} + 3 \right] =$

4

6

4

6

You screen will look like: 8 ^ (2 / 3)

Taking a root can be done easily using $\sqrt{}$ option, which is achieved by pressing $2nd x^2$. Any other root (n-root), can be calculated by pressing (the root desired) $2nd \Lambda$.

> Square root: $\sqrt{16}$ the number =, $\sqrt{36}$ is found by inputting: $2nd x^2 = 36$

You screen will look like: v(36

> Cube root: $\sqrt[3]{}$ the number =, $\sqrt[3]{64}$ is found by inputting: 3 2nd 64 =

You screen will look like: 3 ^xv64

> Taking a root higher than a cube root: (the root desired) 2nd (the value) =, $\sqrt[4]{1296}$ is found by inputting: 4 2nd 1296 =

You screen will look like: 4 ^xv1296

Since the root symbol works like a grouping symbol, there is no need to use parentheses for negative values.

$$\sqrt[5]{-32}$$
 is found by inputting: 5 2nd [].32 =

You screen will look like: $5^{x}v-32$ -2

Remember that you can't take an even root of a negative number. If you do you will get an error message.