Roots & Radicands

* A square root of a number is one of its two equal factors.
* A cube root of a number is one of its three equal factors.
* Every positive number has positive or negative square root. In most real world situations, only the positive or principal square root is considered, which means you cannot put all possible answers as plus or negative

Examples:

$\sqrt[3]{729}$ = 9 $\sqrt[3]{-64}$ = -4 $\sqrt[3]{1000} $= 10