**Lesson 1.1B – Finding Square and Cube Roots**

* Square Roots – x2 = p, where p is a positive number.

The number multiplied by itself to get another value.

There are two square roots to every number: positive and negative value.

* Principal Square Roots – largest square root value.

Ex 1: √̅36 = 6 , -6 where 6 is the principal square root.

* Perfect Square – has square roots that are integers (positive and negative numbers).

Ex 2: √̅81 = 9, -9

* Cube Root – x3 = p, where p can be a positive or negative value based on “x”.

Ex 3: 3̅ 1 3/̅ 1\*1\*1 1

√ 27 = √ 3\*3\*3 = 3