Notes for Section 9.1 "Exploring Square Roots" (grade 7)

√ = radical sign

√25 = 5 (What # multiplied by itself gives you the number under the radical sign.

***Remember from Grade 6:**

-5 · -5 = 25
-3 · -3 = 9

***Then √49 could be 7 or -7 because 7 · 7 = 49 and -7 · -7 = 49. Therefore, numbers have 2 square roots.**

***√-81 Although this problem can be done, it will not happen until high school. For now, let's say that you can't take √ of a negative number. Answer will be an imaginary number.**

****Show that there will be a positive and negative answer for each square root.**