~Solve by taking the Square Root on both sides Notes~

**MGSE9-12.A.REI.4: I can solve a quadratic equation with one variable.**

* A square root is written with the radical symbol… \_\_\_\_\_\_\_\_\_\_
* The square of an integer is called a **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

What do you think we should do? **ONE step:**

|  |  |
| --- | --- |
|  |  |

**Solve the following TWO Step equations:**

|  |  |
| --- | --- |
| 1. **x² - 7 = 9** | 1. **x2 + 13 = 5** |
| 1. **x2 – 1 = 49** | 1. **x2 – 5 = 76** |
| 1. **2x2 = 14** | 1. **-3x² = 48** |

**Solve the following THREE step equations:**

|  |  |
| --- | --- |
|  |  |

**Solve the following MULTI step equations:**

|  |  |
| --- | --- |
|  |  |
|  | 1. 3(x + 3)2 – 12 = 0 |