Honors Algebra 2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_\_

Solving Equations using the Square Root Method & Quadratic Formula

**Solve using the square root method.**

|  |  |
| --- | --- |
| 1.)  | 2.)  |
| 3.)  | 4.)  |

**Calculate the discriminant of each quadratic to determine the number and type of solutions for each equation and then solve.**

|  |  |  |  |
| --- | --- | --- | --- |
| Quadratic Equations | Discriminant | Number & Type of Solutions | Solve the equation: |
| 5.) A = \_\_\_\_\_\_\_\_\_\_\_\_B = \_\_\_\_\_\_\_\_\_\_\_\_C = \_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  |
| 6.) A = \_\_\_\_\_\_\_\_\_\_\_\_B = \_\_\_\_\_\_\_\_\_\_\_\_C = \_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  |
| 7.) A = \_\_\_\_\_\_\_\_\_\_\_\_B = \_\_\_\_\_\_\_\_\_\_\_\_C = \_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  |
| 8.) A = \_\_\_\_\_\_\_\_\_\_\_\_B = \_\_\_\_\_\_\_\_\_\_\_\_C = \_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  |
| 9.) A = \_\_\_\_\_\_\_\_\_\_\_\_B = \_\_\_\_\_\_\_\_\_\_\_\_C = \_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  |