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 = \_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  |