**HW – SOLVING BY QUADRATIC FORMULA AND SQUARE ROOTS**  NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Find the discriminant of each equations and then state the number and type of roots.*

1. 2. 3. 4.

*Solve each equation using the Quadratic Formula. Show all work. State the type of roots.*

5. 6.

7. 8.

9. 10.

*Solve each equation using square roots. State the type of solutions that exist.*

11. 12.

13. 14.

15. 16.