Math 1 **9.6 The Quadratic Formula** Unit 8

*SWBAT solve quadratic equations using the quadratic formula.*

*SWBAT use the discriminate to find the number of solutions of a quadratic equation.*

The solutions of a quadratic equation of the form  are given by the following formula:

**The Quadratic Formula**

**Using the Quadratic Formula**

What are the roots of the equation 2x2 + 3x = 5? Use the quadratic formula to solve.

What are the solutions of x2 – 8 = 2x? Use the quadratic formula to solve.

What are the roots of the equation x2 – 4x = -4? Use the quadratic formula to solve.