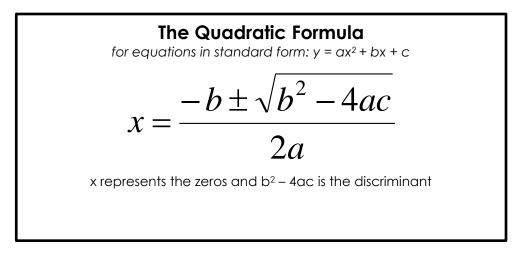
Day 3 - Solving by Quadratic Formula

What method do you use when your equations are not factorable, but are in standard form, and a may not be 1 and b may not be even?



For the quadratic equations below, use the quadratic formula to find the solutions. Write your answer in simplest radical form.

1) $4x^2 - 13x + 3 = 0$ $a = ____ b = ___ c = ____$ **2)** $9x^2 + 6x + 1 = 0$ $a = ___ b = ___ c = ____$

Discriminant:

Discriminant:

Solutions: _____

Zeros: _____

3) $6x^2 + 3 = 10x$ $a = ___ b = ___ c = ___$

4) $\frac{1}{2}x^2 + 6x + 13 = 0$ a = ____ b = ____ c = ____

Discriminant: _____

Discriminant: _____

X = _____

Roots: _____