**Using the Quadratic Formula**

Step 7: Solve both new equations

Step 6: Split the formula in two via the + and -

Step 5: Simplify the square root

Step 4: Start simplifying in chunks

1. Simplify the –b
2. Simplify b2
3. Simplify -4\*a\*c
4. Simplify 2a

Step 3: Substitute into the quadratic formula.

Step 2: Define you a, b and c terms.

Step 1: Set your quadratic equal to zero