


A quadratic equation is an equation in the form

$$0 = ax^2 + bx + c$$

Quadratic equations can be solved by...

1. Factoring
2. Taking Square Root
-  3. Completing the Square
4. Quadratic Formula

Solve the following quadratics by completing the square

$$x^2 + 6x = 16$$

Solve the following quadratics by completing the square

$$x^2 - 4x = 6$$

Solve the following quadratics by completing the square

$$x^2 = 12 - 8x$$

Solve the following quadratics by completing the square

$$2x^2 + 20x = -2$$

Solve the following quadratics by completing the square

$$x^2 = 8x - 24$$

Solve the following quadratics by completing the square

$$3x^2 - 18x = -30$$