

**Math Worksheet: Quadratic Equations(1)**

1. Solve for x the following equation.

$$\sqrt{2x+13} - x = 5$$

2. Solve, for x, the following equation

$$x^4 - 5x^2 + 6 = 0$$

3. The length L of a rectangular field is 10 m more than its width W. The area of the field is 600 m<sup>2</sup>. Find the length and width of the field.