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**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  $600 \text{ m}^2$ . Find the length and width of the field.

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