To solve the quadratic equation $x^2 - 6x + 5 = 0$, you can use the quadratic formula:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

In this equation, a is the coefficient of x^2, b is the coefficient of x, and c is the constant term.

In your equation, $a = 1$, $b = -6$, and $c = 5$. Now, plug these values into the quadratic formula:

$$x = \frac{-(-6) \pm \sqrt{(-6)^2 - 4(1)(5)}}{2(1)}$$

Simplify it further:

$$x = \frac{6 \pm \sqrt{36 - 20}}{2}$$

$$x = \frac{6 \pm \sqrt{16}}{2}$$

Now, take the square root of 16:

$$x = \frac{6 \pm 4}{2}$$

Now, you have two possible solutions:

1. $x = \frac{6+4}{2} = \frac{10}{2} = 5$
2. $x = \frac{6-4}{2} = \frac{2}{2} = 1$

So, the solutions to the equation $x^2 - 6x + 5 = 0$ are $x = 5$ and $x = 1$.

hope you understood