

## Problem of the Week

### Problem E

#### Five Solutions - Really?

There are five values of  $x$  that satisfy the equation  $(x^2 - 5x + 5)^{x^2 + 4x - 60} = 1$ .

Determine these five values of  $x$ .

$$x_1 = ??$$

$$x_2 = ??$$

$$x_3 = ??$$

$$x_4 = ??$$

$$x_5 = ??$$

