

Can you translate this to Korean for me? "Why can't I play video games? I studied so much yesterday!"

ChatGPT said:

Sure! The translation of "Why can't I play video games? I studied so much yesterday!" to Korean is:

"왜 비디오 게임을 할 수 없나요? 어제 너무 많이 공부했는데!"

You said:

Can you solve this by factoring? " $x^2+12x+36$ " Find the zeros for me please! and the factored form of this equation

ChatGPT said:

Sure! To solve the quadratic equation

$$x^2+12x+36$$

x

2

$+12x+36$ by factoring, we can follow these steps:

- **Look for two numbers that multiply to 36 and add to 12.**

These numbers are 6 and 6, because:

- $6 \times 6 = 36$ and $6 + 6 = 12$.

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- **Factor the quadratic expression:**

- $x^2+12x+36=(x+6)(x+6)=(x+6)^2$.

- x

- 2

- $+12x+36=(x+6)(x+6)=(x+6)^2$

- 2

- $.$

- **Set the factored expression equal to zero to find the zeros:**

- $(x+6)^2=0$.

- $(x+6)$

- 2

- $=0$.

- **Solve for**

- x

- x :

- $x+6=0 \Rightarrow x=-6.$

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So, the **factored form** of the equation is

$$(x+6)^2$$

$$(x+6)$$

²

, and the **zero** of the equation is

$$x=-6$$

$$x=-6.$$