

# Subtract Rational Expression

$$\frac{x-2}{x^2+5x+6} - \frac{5}{x+3}$$

1. Find the least common denominator.

$$\begin{aligned}\frac{x-2}{x^2+5x+6} - \frac{5}{x+3} &= \frac{x-2}{(x+3)(x+2)} - \frac{5}{(x+3)} \\ &= \frac{x-2}{(x+3)(x+2)} - \frac{5(x+2)}{(x+3)(x+2)}\end{aligned}$$

2. Subtract across the numerators.

$$\frac{x-2}{(x+3)(x+2)} - \frac{5x+10}{(x+3)(x+2)} = \frac{-4x-12}{(x+3)(x+2)}$$

3. Simplify if possible.

$$\frac{-4x-12}{(x+3)(x+2)} = \frac{-4\cancel{(x+3)}}{\cancel{(x+3)}(x+2)} = \frac{-4}{(x+2)}$$

# Kuta Adding And Subtracting Rational Expressions

**Lori K. Ditoro**



**Kuta Adding And Subtracting Rational Expressions:**

**Adding and Subtracting Rational Numbers** Lori K. Ditoro, 1994

## **Kuta Adding And Subtracting Rational Expressions** Book Review: Unveiling the Power of Words

In a global driven by information and connectivity, the ability of words has be more evident than ever. They have the capability to inspire, provoke, and ignite change. Such may be the essence of the book **Kuta Adding And Subtracting Rational Expressions**, a literary masterpiece that delves deep to the significance of words and their effect on our lives. Compiled by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book is key themes, examine its writing style, and analyze its overall effect on readers.

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