

## Quiz & Worksheet - Adding & Subtracting Rational Expressions Practice Problems

1. Add the following rational expressions.

$$\frac{x^2 + 6x + 9}{x^2 - 16} + \frac{x + 2}{4 - x}$$

- $\frac{1}{x^2 - 16}$
- $\frac{1}{16 - x^2}$
- $\frac{-1}{x^2 + 16}$
- $\frac{x - 1}{x^2 + 16}$
- $\frac{x + 1}{x^2 + 16}$

2. Subtract the following rational expressions.

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

- $\frac{x - 17}{x^3 - 7x + 6}$
- $\frac{x + 17}{x^3 - 7x + 6}$
- $\frac{x - 17}{x^2 - 7x + 6}$
- $\frac{x + 17}{x^2 - 7x + 6}$
- $\frac{x - 17}{x + 6}$

3. Subtract the following rational expressions.

$$\frac{x - 4}{x^2 + 2x - 24} - \frac{x + 6}{x^2 + 7x + 6}$$

- $\frac{-5}{x^2 - 7x - 6}$
- $\frac{5}{x^2 + 7x + 6}$
- $\frac{5}{x^2 - 7x + 6}$
- $\frac{-5}{x^2 - 7x + 6}$
- $\frac{-5}{x^2 + 7x + 6}$

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## Practice 8 4 Rational Expressions

**Linda Gilbert, Jimmie Gilbert**

**Practice 8 4 Rational Expressions:**

## **Practice 8 4 Rational Expressions** Book Review: Unveiling the Power of Words

In a world driven by information and connectivity, the power of words has become more evident than ever. They have the capacity to inspire, provoke, and ignite change. Such could be the essence of the book **Practice 8 4 Rational Expressions**, a literary masterpiece that delves deep to the significance of words and their impact on our lives. Written 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 will explore the book's key themes, examine its writing style, and analyze its overall impact on readers.

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