

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:

Unveiling the Magic of Words: A Review of "**Practice 8 4 Rational Expressions**"

In a world defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their capability to kindle emotions, provoke contemplation, and ignite transformative change is truly awe-inspiring. Enter the realm of "**Practice 8 4 Rational Expressions**," a mesmerizing literary masterpiece penned with a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve in to the book is central themes, examine its distinctive writing style, and assess its profound impact on the souls of its readers.

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