

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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Kuta Quiz Adding And Subtracting Rational Expressions

Christian G. Meyer



Kuta Quiz Adding And Subtracting Rational Expressions:

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