

8.5 Practice

Name: _____

Simplify:

1. $\frac{5}{x-7} - \frac{8}{x+2}$

2. $\frac{3}{x} + \frac{x}{x+4} - \frac{8}{x^2}$

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$$3. \frac{x+1}{x^2-4} - \frac{x+3}{x^2+3x-10}$$

$$4. \frac{2x^2+5x-12}{x^3-1} \div \frac{4x^2+6x}{x^2+x+1} \cdot \frac{2x^2-2x}{x+4}$$

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