


4.7 HW


3-113. Add, subtract, multiply, or divide the following rational expressions. Simplify your answers, if possible. [Homework Help](#) 

a. $\frac{2x}{3x^2+16x+5} + \frac{10}{3x^2+16x+5}$

b. $\frac{x^2-x-12}{3x^2-11x-4} \cdot \frac{3x^2-20x-7}{x^2-9}$

c. $\frac{2x^2+8x-10}{2x^2+15x+25} \div \frac{4x^2+20x-24}{2x^2+x-10}$

d. $\frac{7}{x+5} - \frac{4-6x}{x^2+10x+25}$

3-120. Simplify each expression. [Homework Help](#) 


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

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

c. $\frac{x^2+5x+6}{x^2-9} \cdot \frac{x-3}{x^2+2x}$

d. $\frac{4}{x-2} \div \frac{8}{2-x}$

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