

Chapter 11 Review #3

Simplify each.

1. $\frac{3}{x-2} \cdot \frac{x^2-4}{12}$

2. $\frac{5x}{x^2+2x} \div \frac{30x^2}{x+2}$

3. $\frac{4w}{3w-5} \cdot \frac{7}{2w}$

4. $\frac{6c-2}{c+5} \div \frac{3c-9}{c}$

5. $\frac{5}{t} + \frac{t}{t+1}$

6. $\frac{9}{n} - \frac{8}{n+1}$

7. $\frac{2y}{y^2-9} - \frac{1}{y-3}$

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

9. $\frac{7m}{m^2-1} - \frac{10}{m+1}$

10. $\frac{9}{3x-1} + \frac{5x}{2x+3}$