

Name: _____ Alg 1+ Multiplying Polynomials Homework

1. $\frac{4}{6x} \cdot \frac{3x}{8}$

2. $\frac{8}{6x^2} \cdot \frac{7}{4}$

3. $\frac{6x-18}{4x^2} \cdot \frac{x^3}{2x-6}$

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

5. $\frac{5}{x+1} \cdot \frac{x^2-6x-7}{3x-21}$

6. $\frac{9x+18}{x^2-2x-8} \cdot \frac{3x-12}{6x}$

7. $\frac{7x^2(x+4)}{(x-3)(x+4)} \cdot \frac{x-3}{(x+8)(x+6)}$

8. $\frac{2x^2+2x}{3x-9} \cdot (x-3)$