

**11-3 Dividing Rational Expressions**

Divide and simplify:

1. 
$$\frac{8a^2b^3}{6ab^4} \div \frac{6ab}{9}$$

2. 
$$\frac{3t+12}{5t} \div \frac{t+4}{10t}$$

3. 
$$\frac{k^2+5k-6}{8k^3} \div \frac{k^2+6k}{24k^2}$$

4. 
$$\frac{x^2+10x-11}{x^2+12x+11} \div (x-1)$$

5. 
$$\frac{2n^2-5n-3}{4n^2-12n-7} \div \frac{4n+5}{2n-7}$$