

Multiplying and Dividing Rational Expressions (12.5)

1) $\frac{2}{3} \cdot \frac{4}{5}$

2) $\frac{8}{3} \cdot \frac{15}{16}$

3) $\frac{3}{5} \div \frac{7}{4}$

4) $\frac{12}{13} \div \frac{15}{8}$

Multiplying and Dividing Rational Expressions: Multiply or Divide.

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

6) $\frac{3}{x^2-4} \div \frac{2}{x-1}$

7) $\frac{x+1}{14x} \div \frac{x^2+3x+2}{-7x^2}$

8) $\frac{x^2+8x+15}{x^2+7x+10} \cdot \frac{x^2-2x-8}{3x^2+9x}$

9) $\frac{5v+5}{v-2} \div \frac{v^2-1}{v^2-4v+4}$

10) $\frac{5x}{3x-12} \div \frac{x^2-2x}{x^2-6x+8}$