

1B Multiplying & Dividing Algebraic Fractions

1. Simplify/ Solve

a) $\frac{1}{2} \times \frac{3}{5}$

b) $\frac{a}{c} \times \frac{b}{d}$

c) $\frac{3}{5} \times \frac{5}{9}$

d) $\frac{a}{b} \times \frac{c}{a}$

e) $\frac{x+1}{2} \times \frac{3}{x^2-1}$

2. Simplify/ Solve

a) $\frac{5}{6} \div \frac{1}{3}$

b) $\frac{a}{b} \div \frac{a}{c}$

c) $\frac{x+2}{x+4} \div \frac{3x+6}{x^2-16}$