

# • Multiplying Fractions by Fractions

example:  $\frac{2}{3} \times \frac{3}{4}$

1. multiply numerators
2. multiply denominators

$$\frac{2}{3} \times \frac{3}{4} = \frac{6}{12}$$

3. if necessary, simplify

$$\frac{6}{12} \boxed{\begin{array}{l} \div 6 \\ \div 6 \end{array}} = \frac{1}{2}$$