

# Multiplying and Dividing Fractions

## Facts

**Multiplying Fractions** – Multiply the numerators together, multiply the denominators together

**Dividing Fractions** – Use KFC – Keep the first, flip the second, change the sign and multiply as before

### Multiplying Fractions

#### Example

Work out  $\frac{3}{5} \times \frac{4}{9}$

$$= \frac{3 \times 4}{5 \times 9}$$

$$= \frac{12}{45}$$

$$= \frac{4}{15}$$

Multiply the numerators  
and multiply the  
denominators together

Simplify if  
possible!

