

## FRACTIONS

### 'Dividing Fractions and Whole Numbers'

To divide a fraction by a whole number or a whole number by a fraction, just follow the following simple steps.

- If the second fraction is a whole number, change it into a fraction by putting a 1 under it.
- Replace the division sign into multiplication sign and find the reciprocal of the second fraction.
- Multiply!
- Simplify!

#### Examples:

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

Solution:

$$\frac{3}{4} \div 5 = \frac{3}{4} \times \frac{5}{1} = \frac{3 \times 5}{4 \times 1} = \frac{15}{4} = 3 \frac{3}{4}$$

2)  $2 \div \frac{4}{5}$

Solution:

$$2 \div \frac{4}{5} = 2 \times \frac{5}{4} = \frac{2 \times 5}{4} = \frac{10}{4} = 2 \frac{2}{4}$$