Maths

Fractions (1)

Y3

Knowledge

- Unit and non-unit fractions
- Making the whole
- Tenths
- Equivalent fractions

Skills

- Count in tenths
- Tenths as decimals
- Fractions on a number line
- Fractions of a set of objects
- Compare fractions
- Order fractions
- Add fractions
- Subtract fractions

Vocabulary

Numerator, denominator, unit fraction, non-unit fraction, equivalent, halves, whole, thirds, fifths, tenths, decimal tenths, sixths

Inspirational Mathematician

Leonard Euler (1707-1783)

Leonhard Euler was a Swiss mathematician who made enormous contibutions to a wide range of mathematics and physics including geometry, trigonometry, calculus and number theory.

Recognising Fractions

$\frac{3}{8}$

Numerator How many equal parts of the whole are needed?

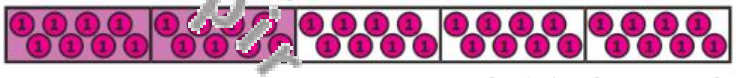
Denominator How many equal parts are in the whole?

Fractions of Amounts

$\frac{1}{4}$ of 24 = 6

$\frac{1}{3}$ of 72 = 24

$\frac{2}{5}$ of 40 = 16



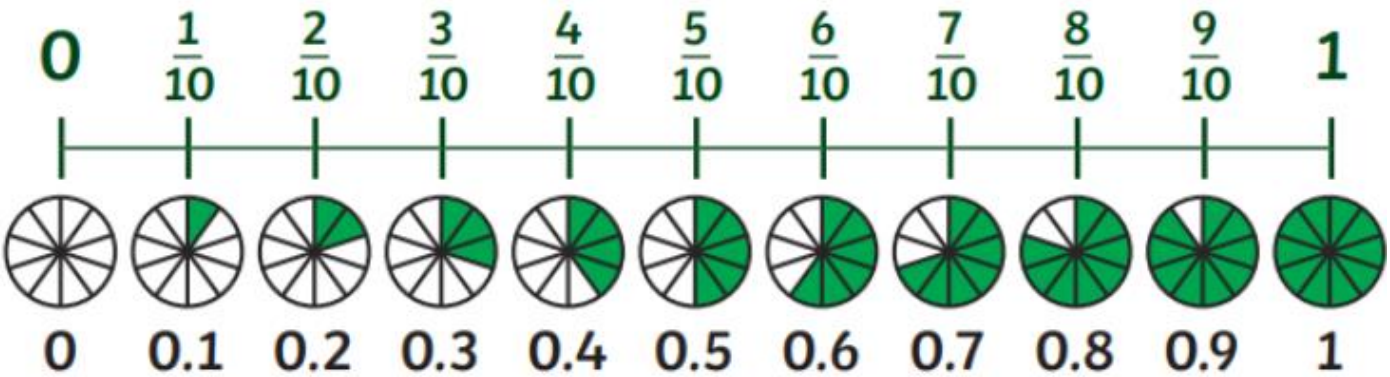
To find the fraction of an amount, you need to divide the amount by the denominator.

24 ÷ 4 = 6

72 ÷ 3 = 24

40 ÷ 5 = 16

Fractions and Decimals



Inspire to Aspire
St Anselm's Catholic Primary School