

Eleven Plus Maths How To Do - The Decimal System Explained

The Decimal System Explained

One number system is based on 10.

H T U
 1
 1 0 (1 × 10 = 1 bundle of ten)
 1 0 0 (1 ten × 10 = 1 bundle of 100)

H T U . T h th
 1 . 0
 0 . 1 (1 ÷ 10 =)
 0 . 0 1 (÷ 10 =)
 0 . 0 0 1 (÷ 10 =)

You will see that to separate a whole number from a fraction we use a point called a decimal point.

3 . 2 means three and two tenths
 5 . 06 means five and six hundredths
 9 . 004 means nine and four thousandths.

You can see that the value of each decimal number depends on its place or position.