

Chapter 3

Decimal – a number less than one.

Tenths - 0.1 = one tenth

Hundredths - 0.01 = one hundredth

Thousandths – 0.001 = one thousandth

Ten thousandths – 0.0001 = one ten thousandth

Hundred thousandths – 0.00001 = one hundred thousandth

In word form “ and ‘ means decimal point and the place values always end in ‘ths’

Ex. 6.045 is Six and 45 thousandths .

Expanded form 6.045 is $6 + 0.04 + 0.005$ or $6 + 4 \times \left(\frac{4}{100}\right) + 5 \times \left(\frac{5}{100}\right)$

Adding and subtracting decimals -

You must line the decimals up before you can solve the problem. Add or subtract regularly and bring the decimal straight down.