



Decimals & Fractions

Everyone knows about whole numbers

Like 1,2 & 3

You know what I mean?

But decimals and fractions

Well they're different

They're the numbers that happen in between

You know about fractions: halves and quarters

And splitting a number into tenths

Decimals are a different way of doing this

And fractions have decimal equivalents

Decimals

But what's the point?

Helps determine the value of a digit

Decimals

But what's the point?

It extends place value

Can you dig it?

To write one tenth as a decimal

We write down 0.1

Two tenths is 0.2

Three tenths

0.3 and so on

What is the job of the decimal point?

It separates 'ones' from the 'tenths'

If you didn't have it there to help you understand

The number just wouldn't make sense



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What about the equivalent of a quarter?

0.25

But why?

25 is a quarter of a hundred

Two tenths - but what's that extra 5?

It's the hundredths column

Another place value

And it sits comfortably next to the tenths

It works just the same with money too

Except we call it pounds and pence

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Decimals

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Can you dig it?

So now we know each decimal

Has an equivalent fraction

You ready to shout out what you know?



Time for some decimal action....

Seven tenths?

0.7

Three tenths?

0.3

Five tenths?

0.5

Half to you and me

Three quarters?

0.75

Nine tenths?

0.9

A quarter?

0.25

You're doing mighty fine...

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