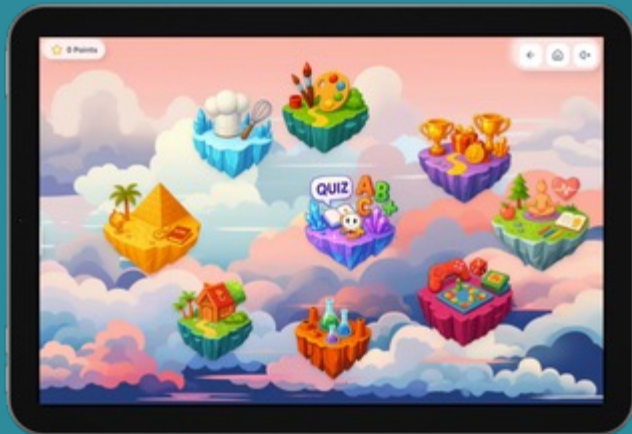


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Decimals to Thousandths - Year 5

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Learning Goals

By the end of this lesson, you can:

- read and write decimals to thousandths
- identify the value of every digit
- recognise equivalent decimals
- compare and order decimals accurately



Why Thousandths Matter

Precise measurements often need three decimal places.

A race time might be 12.095 seconds.

A mass might be 0.625 kilograms.

A length might be 3.407 metres.



The Decimal Point

The decimal point separates whole-number places from places less than one whole.

In 6.407:

6 is the whole-number part.

407 is the decimal part.



A Place-Value Chart

ONES	TENTHS	HUNDREDTHS	THOUSANDTHS
6	4	0	7

6.407 means 6 ones, 4 tenths, 0 hundredths and 7 thousandths.



Tenths

One whole divided into 10 equal parts makes tenths.

$$4 \text{ tenths} = 4/10 = 0.4$$

The first digit to the right of the decimal point is the tenths digit.



Hundredths

One whole divided into 100 equal parts makes hundredths.

32 hundredths = $32/100 = 0.32$

The second digit to the right of the decimal point is the hundredths digit.



