## Maths

## Multiplication and Division

## Twins



## Aim

- I can multiply and divide mentally using doubling and halving.


## Success Criteria

- I can halve numbers by dividing them by two.
- I can double numbers by multiplying them by two.
- I can use partitioning and recombining to halve and double numbers up to four digits and numbers with decimals.


## Measures Match

Share the Measures Loop Cards between the class.


## Twins in Training

Haruki and Tarou look very similar but are very different.


## Doubling

To double a number, we multiply it by 2 .


## Halving

To halve a number, we divide it by 2 .


## Doubling and Halving

PCR - partition, calculate, recombine
Can you work these out in your head using PCR?


## Decimals

Haruki and Tarou are thirsty after their run. Their cups hold 188.5 ml of squash each. How much squash do they need to make?


## Twins

Use your marvellous maths skills to complete these activity sheets:


## Speed Challenge

How quickly can you halve and double these numbers? Clif the stopwatch for a two minute countdown. Watch out! Some of them contain decimals.


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