

Stage Five – Spring Two

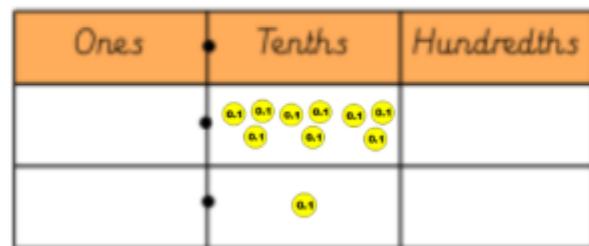


KIRF: I know decimal number bonds to 1 and 10.

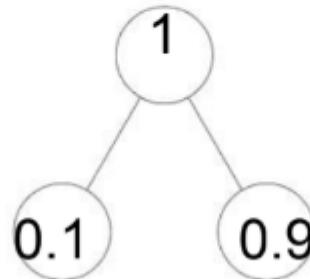
Children should see the links with number bonds to 10, 100 and 1000 to identify decimal number bonds to 1 and 10 and recall these instantly.

What can this look like?

Concrete:



Pictorial:



Abstract:

$$\begin{aligned}0.1 + 0.9 &= 1 \\0.9 + 0.1 &= 1 \\1 - 0.1 &= 0.9 \\1 - 0.9 &= 0.1\end{aligned}$$

Questions to ask at home

- What do I add to 0.8 to make 1?
- What is 1 take away 0.06?
- What is 1.3 less than 10?
- How many more than 9.8 is 10?
- What is the difference between 0.92 and 10?

Key vocabulary

- Complements**- In addition, a number and its complement make a total e.g. 0.3 is the complement of 0.7 to make 1
- Decimal number**- A number with a decimal point.
- Number bonds**- Pairs of numbers that add together to make another number.
- Sum**- The result of an addition

Things to try

- Part part whole**- Use the part part whole model to create your own decimal number bonds. How many ways can you make 1? How many ways can you make 10?
- Use money**- how many ways can you make £1? E.g. 0.90p + 0.10p



Websites- <https://www.topmarks.co.uk/learning-to-count/paint-the-squares>

