

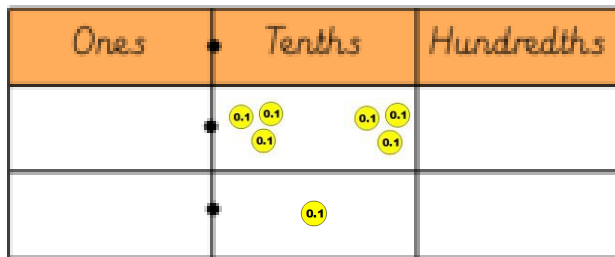
# KIRF: I know decimal number bonds to 1 and 10.

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.

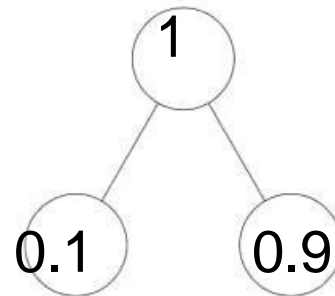


## What can this look like?

Concrete:



Pictorial:



Abstract:

$$0.1 + 0.9 = 1$$

$$0.9 + 0.1 = 1$$

$$1 - 0.1 = 0.9$$

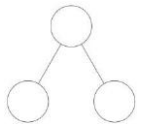
$$1 - 0.9 = 0.1$$

### Questions to ask at home

- What do I **add** to 0.8 to make 1? **0.2**
- What is 1 **take away** 0.06? **0.94**
- What is 1.3 **less than** 10? **8.7**
- How many more** than 9.8 is 10? **0.2**
- What is the **difference** between 0.92 and 10? **9.08**

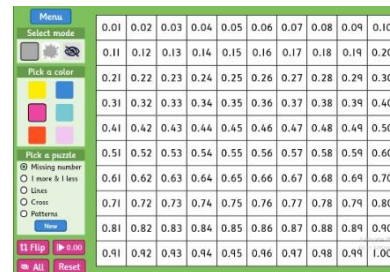
### Things to try

- 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



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

<https://whiterosemaths.com/homelearning/year-5/summer-week-2-number-decimals/>



### 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