

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

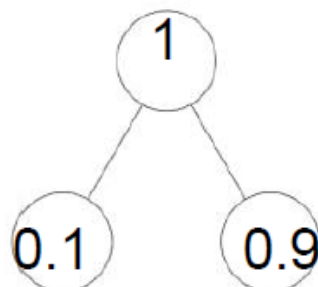
Children should see the links with number bonds to 10, 100 and 1000 to identify decimal number bonds to 1 and 10 and recall these instantly.

What can this look like?

Concrete:

Ones	Tenths	Hundredths
	0.1 0.1 0.1 0.1 0.1	
	0.1 0.1 0.1	
	0.1	

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?

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?

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/>

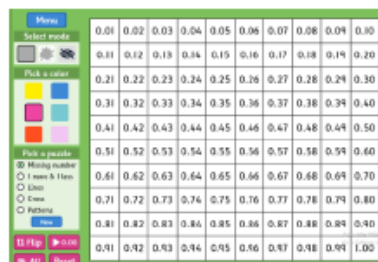
Key vocabulary

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



0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10
0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20
0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30
0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40
0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50
0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60
0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70
0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80
0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90
0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00