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.
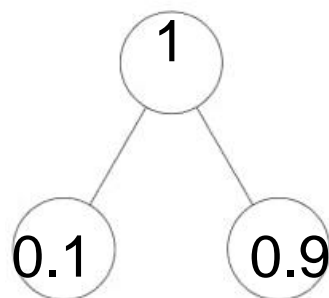
What can this look like?

Concrete:

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

Pictorial:

1
0.1   0.9

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?
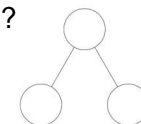
What is the **difference** between 0.92 and 10?

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

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

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

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

Stoke-on-Trent
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