

Year 5 - Autumn 2

What can this look like?

Concrete:

Ones	Tenths	Hundredths
	0.1 0.1 0.1 0.1 0.1	
	0.1	

Pictorial:

```

graph TD
    1((1)) --- 0.1((0.1))
    1 --- 0.9((0.9))
  
```

Abstract:

$$0.1 + 0.9 = 1$$

$$0.9 + 0.1 = 1$$

$$1 - 0.1 = 0.9$$

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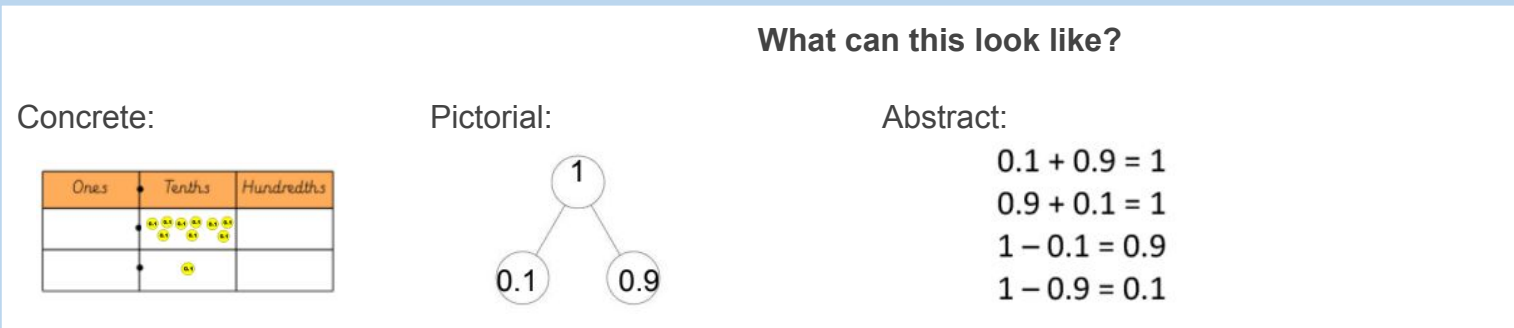
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Use the links with number bonds to 10, 100 and 1000 to identify decimal number bonds to 1 and 10 and recall these instantly.

Questions to ask at home

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

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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

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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
- **Create a set of match pairs cards-** Play pairs with the set of cards you make.

Websites

<https://www.studyzone.tv/game274-code0677c4940c4306a3a90514b2246a093f>

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