



### Decimals

NC Link  
 Read and write decimal numbers as fractions.  
 Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.  
 Read, write, order and compare numbers with up to three decimal places.

Important Vocabulary  
 Decimals, hundreds, tens, ones, tenths, hundredths, thousandths, decimal places,

Key facts to memorise



Hundreds	Tens	Ones	•	Tenth	Hundredth	Thousandth	End Number
	4	3	.	0	1		43.01
2	5	3	.	1	4		253.14
		8	.	4	8	7	8.487

Strategies

**1** stands for .  
 10 of make 1.  
 stands for 1 tenth.

$\frac{1}{10}$

**2** stands for .  
 10 of make .  
 100 of make 1.  
 stands for 1 hundredth.

$\frac{1}{100}$       0.01

**3** stands for .  
 10 of make .  
 1000 of make 1.  
 stands for 1 thousandth.

$\frac{1}{1000}$       0.001

**2** Write each fraction as a decimal.

$\frac{7}{10} = 7 \text{ tenths} = 0.7$

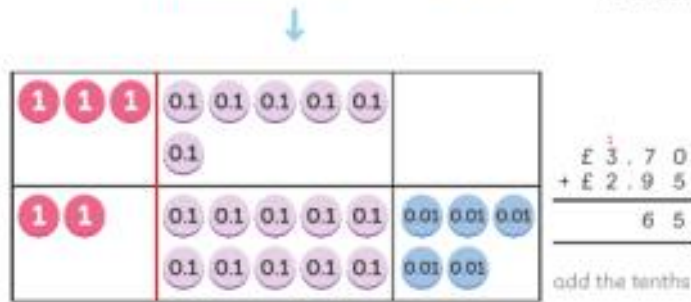
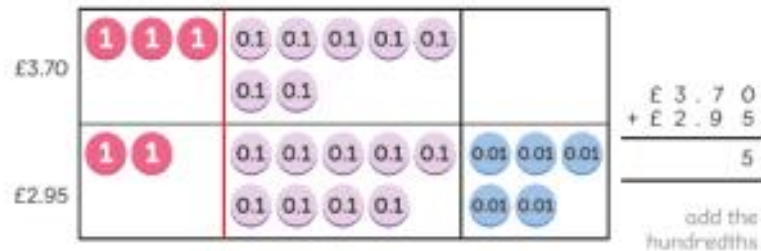
$\frac{3}{5} = \frac{6}{10} = 6 \text{ tenths} = 0.6$

$\frac{17}{25} = \frac{34}{50} = \frac{68}{100} = 68 \text{ hundredths} = 0.68$

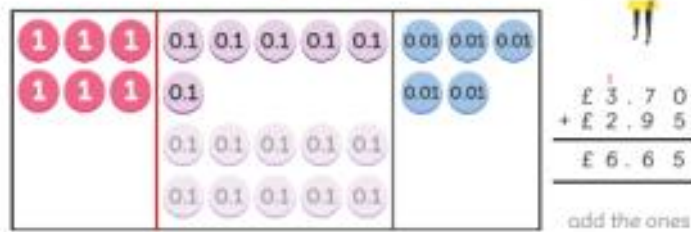
$\frac{13}{20} = \frac{65}{100} = 65 \text{ hundredths}$



1 picks £3.70 and £2.95 and finds the sum.

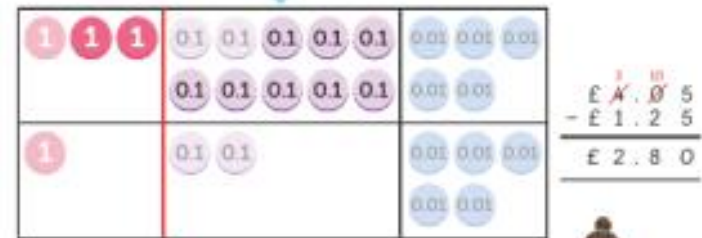
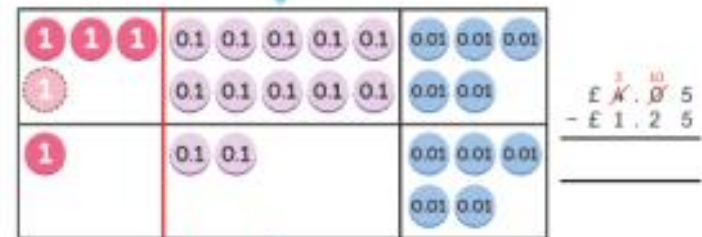
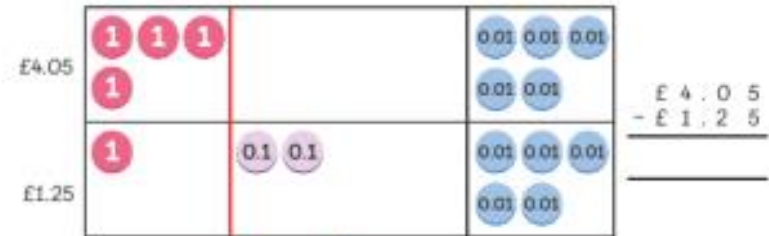


7 tenths + 9 tenths = 16 tenths  
16 tenths = 1 one 6 tenths



Together they cost £6.65.

2 picks £4.05 and £1.25 and finds the difference.



The price difference is £2.80.

