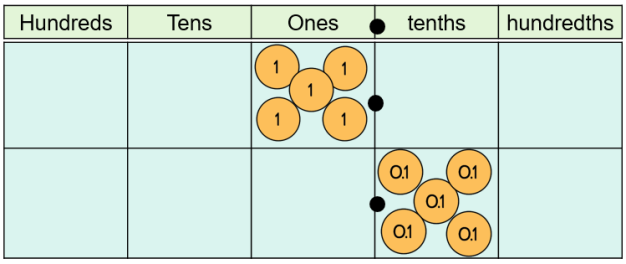
WORKED EXAMPLE

Describe the relationships between the counters.

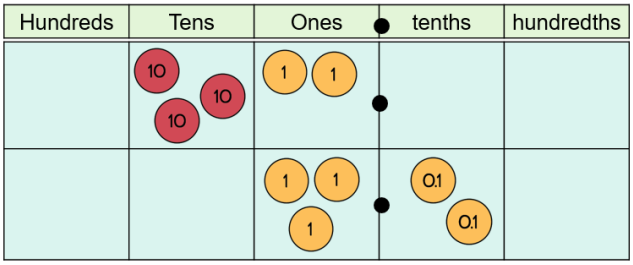


There are 5 ones and 5 tenths.

5 ones ÷ 10 = 5 tenths.

This is 0.5 as a decimal or $\frac{5}{10}$ as a fraction.

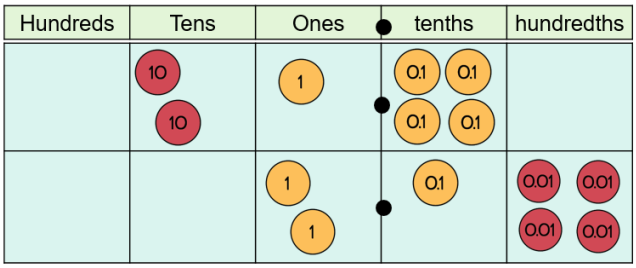
5 ÷ 10 = 0.5 0.5 x 10 = 5



The value shown on the top row is 32

The value shown on the bottom row is 3.2

32 ÷ 10 = 3.2 3.2 x 10 = 32

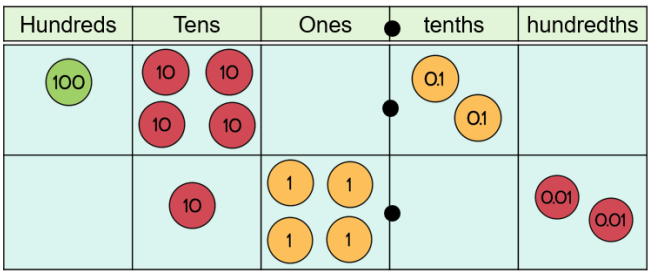


The value shown on the top row is 21.4

The value shown on the bottom row is 2.,14

21.4 ÷ 10 = 2.14 2.14 x 10 = 21.4

Draw the counters to show this number divided by 10.

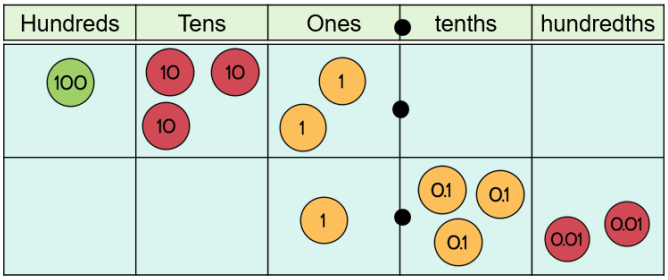


The value shown on the top row is 140.2

The value shown on the bottom row is 14.02

140.2 ÷ 10 = 14.02 14.02 x 10 = 140.2

Draw the counters to show this number divided by 100.



The value shown on the top row is 132

The value shown on the bottom row is 1.32

132 ÷ 100 = 1.32 1.32 x 100 = 132

APPLY AND EXPLORE

Various: Could include 0.4 x 10 = 4, 0.4 x 100 = 40, 4 ÷100 = 0.04
4 x 10 = 40, 4 x 100 = 400 and 400 ÷ 10 = 40, 400 ÷100 = 4

APPLY AND EXPLORE

Converting money e.g. 10 x £0.10 = £1, Converting measures e.g. 10mm = 1cm, 100cm = 1m