

Decimals and fractions

b = 1.31 one point three one

c = 1.35 one point three five

d = 1.53 one point five three

e = 1.77 one point seven seven

f = 1.8 one point eight

Extension tasks.

- 1) $2.25 = 2$ ones, 2 tenths and 5 hundredths.

Can you write the following numbers in at least three different ways?

23.7

2.37

9.08

0.98

Write the four numbers from smallest to largest.

- 2) Use the digits 3, 4 and 5 to complete the decimal number.

3 0 . 4 5

List all the possible numbers you can make.

Write these decimals as mixed numbers.

Choose three of the numbers and write them in words.

Write the numbers you have created from smallest the largest.

30.45

40.35

50.43

50.34

30.54

23.7

~~23.07~~

2.037

$\frac{98}{100}$

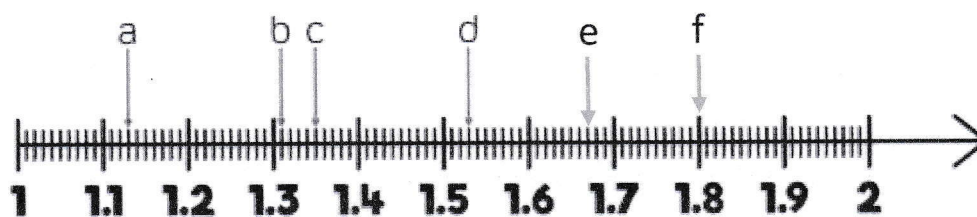
0.98

Verne and Cubes

De Gaulle and Cuboids

L.O. Recognise fraction and decimal equivalents, up to 2 dp (hundredths). Verne Cubes De Gaulle Cuboids Remember to/that:	What I think	What my teacher thinks
Whole numbers are written to the left of the decimal point.	☒	☐
Decimal fractions are written to the right of the decimal point.	☒	☐
One tenth = 10 hundredths.	☒	☐
<u>Do me first.</u>		
Write Fact Families for;		
$0.4 \times 7 = 0.28$ ✓	$0.4 \times 80 = 0.032$ ✗ 32	$0.4 \times 0.9 = 0.36$ ✓

Here is a number line, divided into hundredths (100 equal parts). Look at the number indicated by the arrows. Write the number as a decimal and in words. Do it like this:



A = 1.13 One point one three

 Complete the table.

Concrete	Decimal	Decimal - expanded form	Fraction	Fraction - expanded form	In words
	3.24	$3 + 0.2 + 0.04$	$3 \frac{24}{100}$	$3 + \frac{2}{10} + \frac{4}{100}$	Three ones, two tenths and four hundredths.
	3.01	$3 + 0.01$	$3 \frac{1}{100}$	$3 + \frac{1}{100}$	Three ones and one hundredth.
	3.42	$3 + 0.4 + 0.02$	$3 \frac{42}{100}$	$3 + \frac{4}{10} + \frac{2}{100}$	Three ones, 4 tenths and 2 hundredths.
	3.52	$3 + 0.5 + 0.02$	$3 \frac{52}{100}$	$3 + \frac{5}{10} + \frac{2}{100}$	Three ones, five tenths and two hundredths.

Three ones
/ and one
hundred
/
thousands
Three
ones and
4 tenths
and 2 hun
dreds

When you have completed these, have a go at the extension tasks.