

7.1.21

Arithmetic

1. $3011 \div 3$

4. 16×16

2. $1286 \div 4$

5. 22×22

3. $3236 \div 5$

6. 32×32

FB4

Flashback

4

Year 6 | Week 1 | Day 1



- 1) What is the value of the digit 7 in the number 10.75?
- 2) What is 36×10 ?
- 3) Work out $\frac{1}{3} + \frac{5}{9}$
- 4) Write down a 4-digit number with 7 in the hundreds column.

Barvember

BARVEMBER

Thursday 15 November 2018

White
Rose
Maths

- 1** Mark has 12 apples.
Gina has 3 apples.
How many more apples does Mark have than Gina?

- 2** Terry cycles 20 km on Monday.
On Tuesday he cycles a quarter of the distance he cycled on Monday.
How far does Terry cycle on Monday and Tuesday in total?

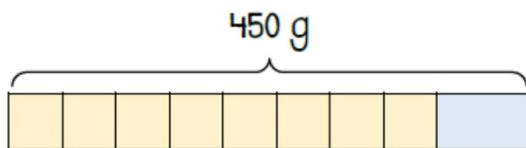
Barvember

BARVEMBER

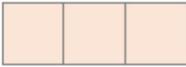
Thursday 15 November 2018

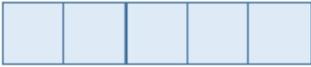


- 3** A box of 8 chocolates weighs 450 g.
Peter eats 3 of the chocolates.
The box of chocolates now weighs 336 g.
How much does the empty box weigh?



- 4** The ratio of the amount of money Leo has to Veronica is 3 : 5
Leo gives half of his money to Veronica.
Veronica then gives £75 back to Leo.
They now have the same amount of money.
How much money did Leo have at the start?

Leo 

Veronica 

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Decimals up to 2 decimal places

Today we are learning to identify numbers with up to two decimal places

I will be successful if:

- I identify the tenths column
- I identify the hundredths column
- I recognise 0 when it is used as a place holder.

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Decimals up to 2 decimal places

Vocabulary

- tenths
- hundredths
- place value
- column

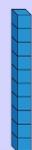
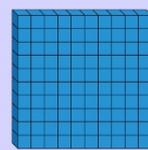
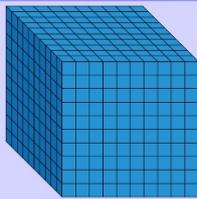
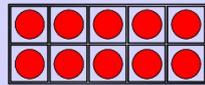
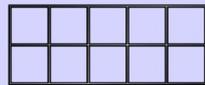
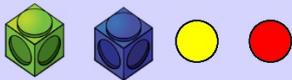
Place value helps us to identify the value of a digit in a number

ones

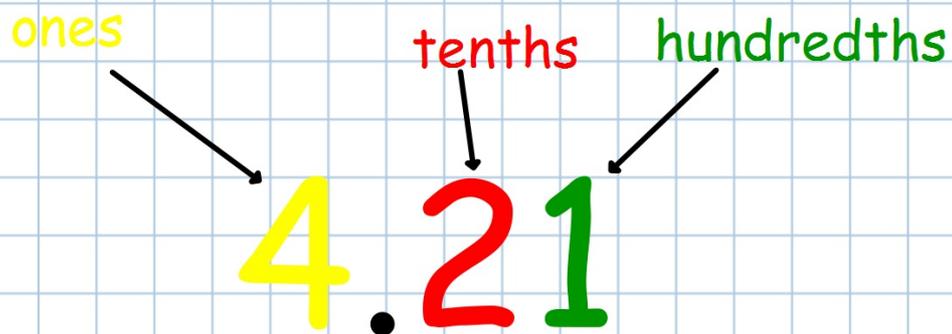
tenths

hundredths

4.21



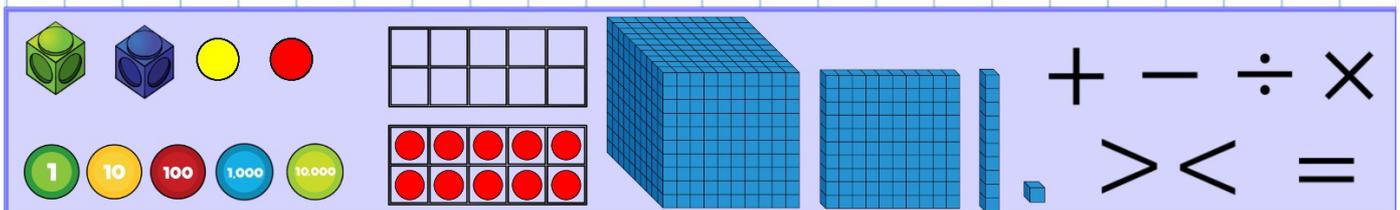
Place value helps us to identify the value of a digit in a number



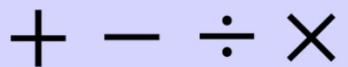
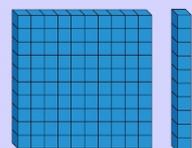
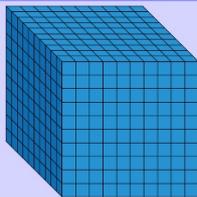
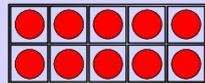
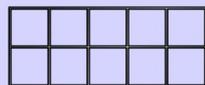
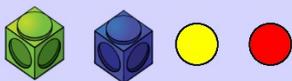
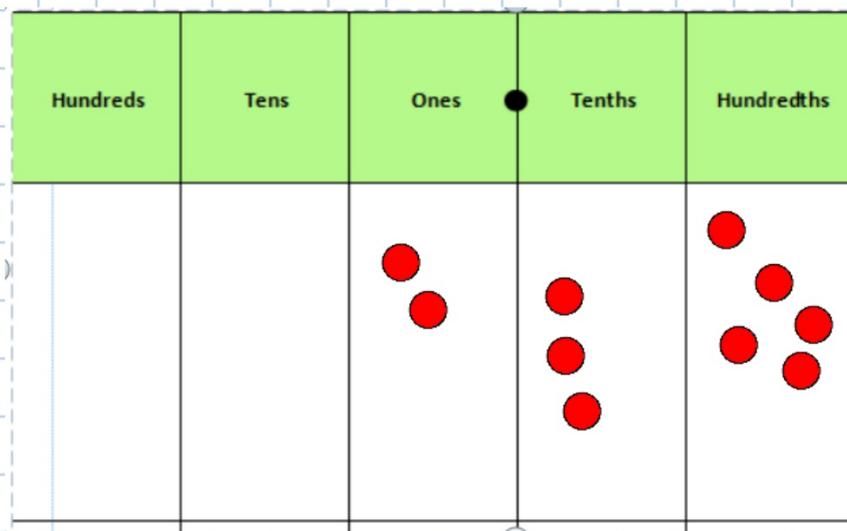
The 4 is worth 4 ones or 4

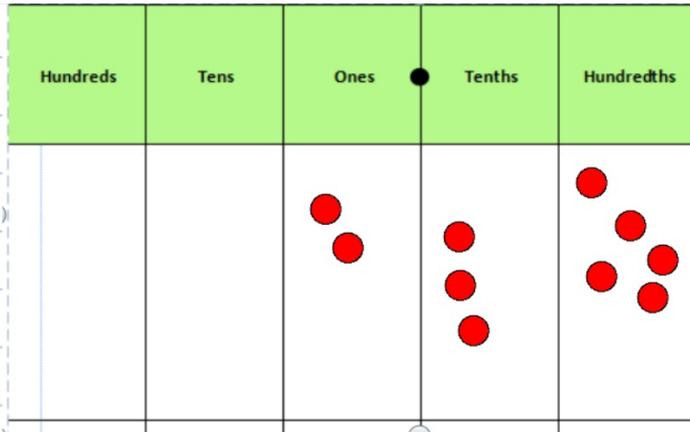
The 2 is worth 2 tenths or 0.2

The 1 is worth 1 hundredths or 0.01



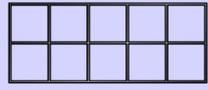
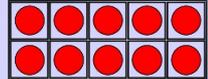
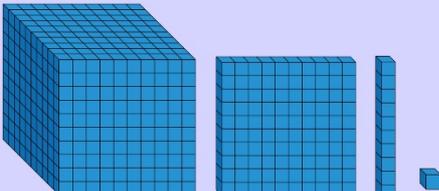
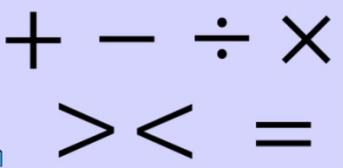
We can use a place value chart to record the number 2.35





There are...2..... ones, ...3..... tenths and
.....5..... hundredths

The number is ..2.35.....

Write down the value of the underlined digit.

The value is shown in words and figures.

2.45

4 tenths

0.4

2.6

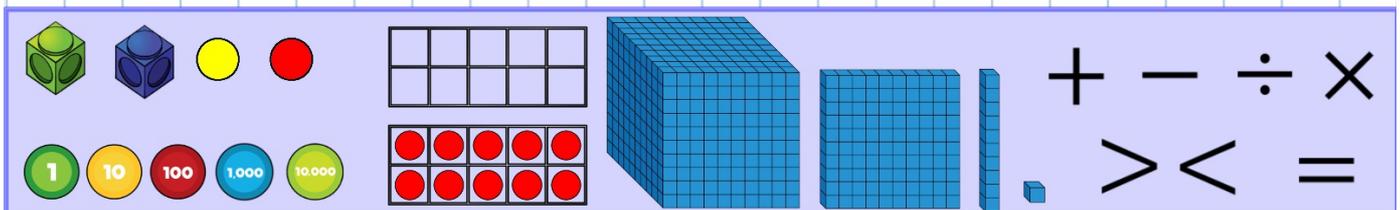
2 ones

0.2

3.12

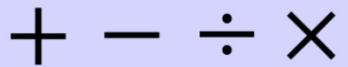
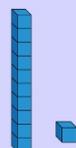
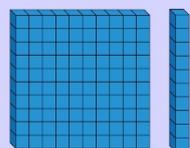
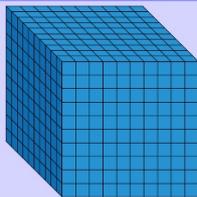
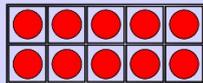
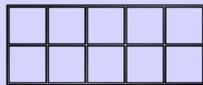
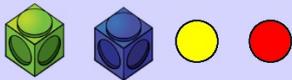
2 hundredths

0.02



We can partition the decimals using our place value knowledge.

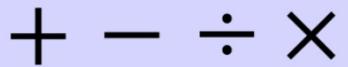
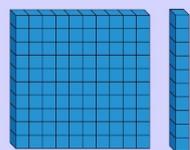
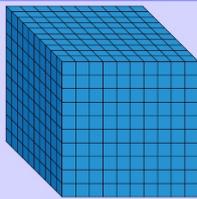
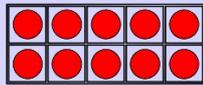
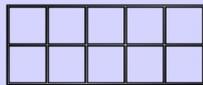
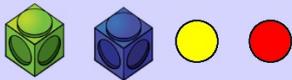
$$0.71 = 0.7 + 0.01 = 7 \text{ tenths and } 1 \text{ hundredth.}$$



We can partition the decimals in different ways.

$$0.71 = 0.7 + 0.01 = 7 \text{ tenths and } 1 \text{ hundredth.}$$

$$0.71 = 0.6 + 0.11 = 6 \text{ tenths and } 11 \text{ hundredths.}$$



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Plenary

True or False ?

Decimals up to 2 d.p.

False

The 6 is equal to six tenths not six tens. We should say zero point six four.