8.1.21

Arithmetic

1. 2014÷4
2. 1726÷3
3. 3247÷5
4. 24x24
5. 15x15
6. 31x31

FB4

Flashback 4

Year 6 | Week 1 | Day 2

1) What is the value of the digit 8 in the number 82.34?

2) What is 17×100?

3) Work out $\frac{3}{5} + \frac{7}{10}$

4) Which is greater 5×12 or 6×11?

White Rose Maths

Barvember

BARVEMBER

Friday 16 November 2018

White Rose Maths

1 Dan has 18 grapes.

His mum has no grapes.

He gives his mum 5 grapes.

How many more grapes than his mum does Dan have now?

2 Beth eats some cheese.

Kelsey eats $\frac{1}{4}$ of the amount of cheese that Beth eats.

Beth eats 48 g more cheese than Kelsey.

How many grams of cheese does Kelsey eat?

Barvember

BARVEMBER

Friday 16 November 2018

White Rose Maths

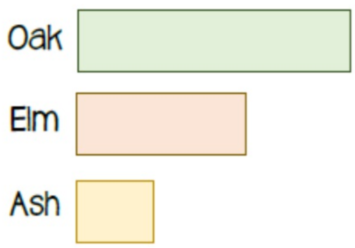
3 There are 5,000 trees in a forest.

The trees are either Oak, Elm or Ash.

There are 2,346 oak trees.

There are 1,118 more Elm than Ash trees.

How many Elm trees are there?



4 In a shop for every 5 bags of flour on a shelf there are 4 bags of rice.

Half of the flour is removed from the shelf.

There are now 87 more bags of rice on the shelf than bags of flour.

How many bags of flour and rice were on the shelf at the start?

8.1.21 Three Decimal places

Today we are learning to identify numbers with up to three decimal places.

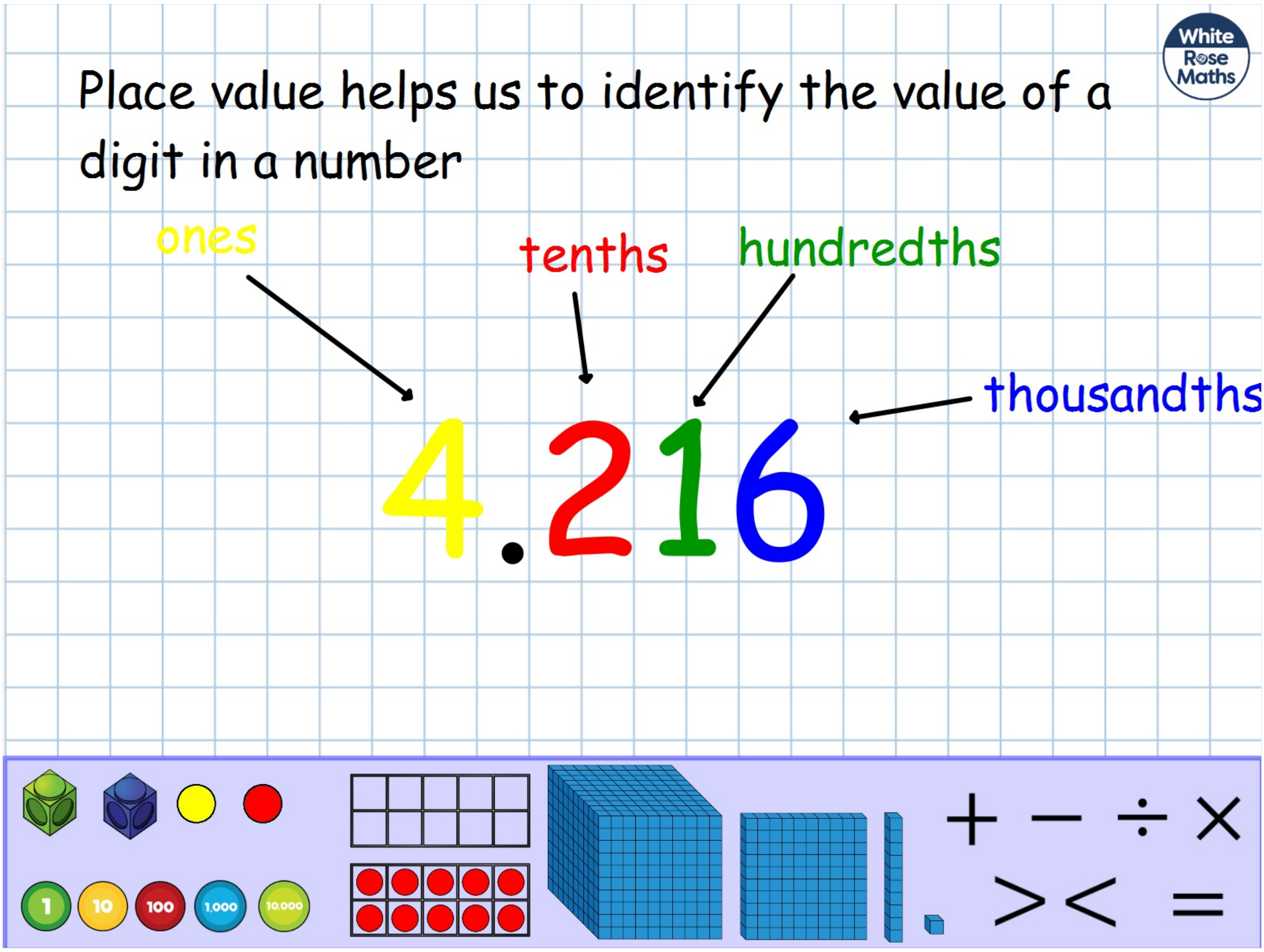
I will be successful if:

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

8.1.21 **Three Decimal places**

Vocabulary

- tenths
- hundredths
- thousandths
- place value
- column


Place value helps us to identify the value of a digit in a number
ones
tenths
hundredths
thousandths
4.216
1
10
100
1,000
10,000
+ − ÷ ×
> < =

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

ones

tenths

hundredths

thousandths

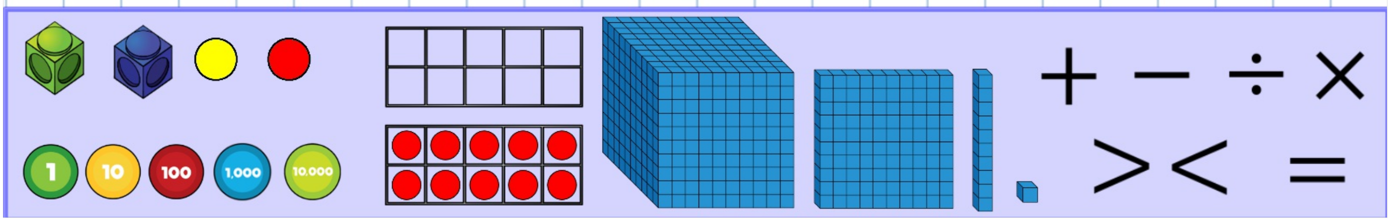
4.216

The 4 is worth 4 ones or 4

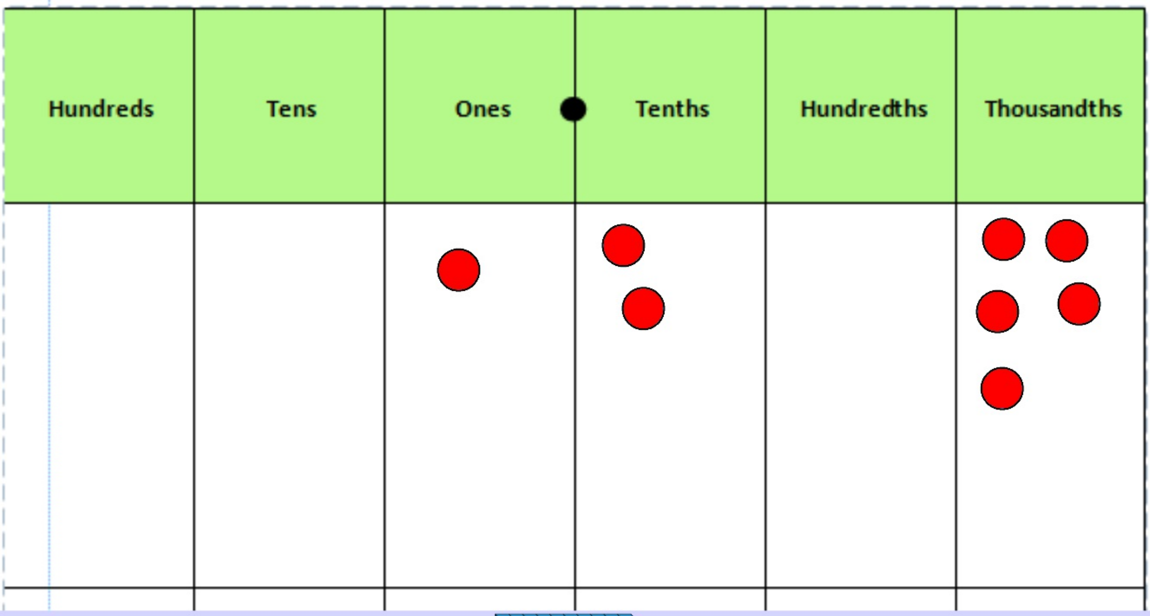
The 2 is worth 2 tenths or 0.2

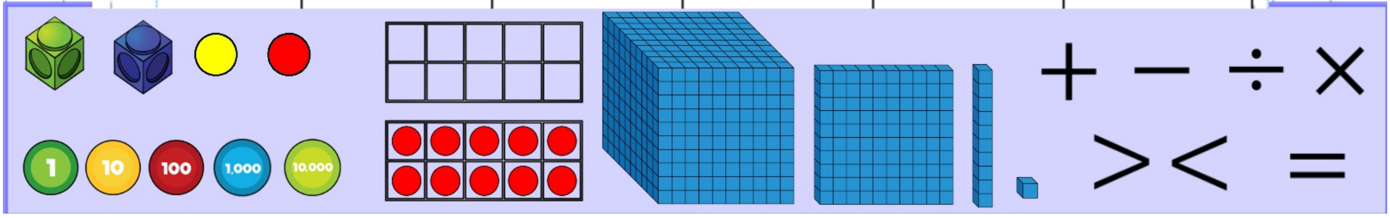
The 1 is worth 1 hundredths or 0.01

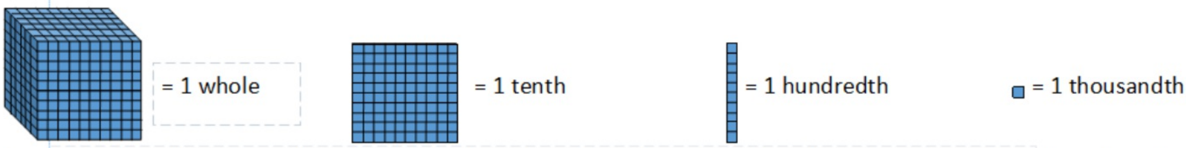
The 6 is worth 6 thousandths or 0.006



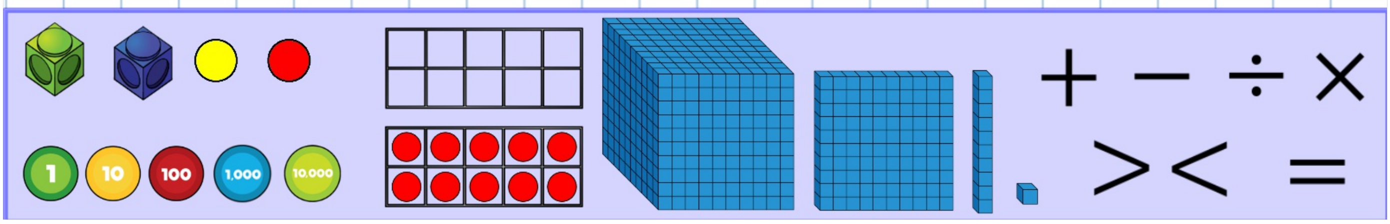
We can use a place vlaue chart to record the number 1.205







How could we use this to represent 2.134?



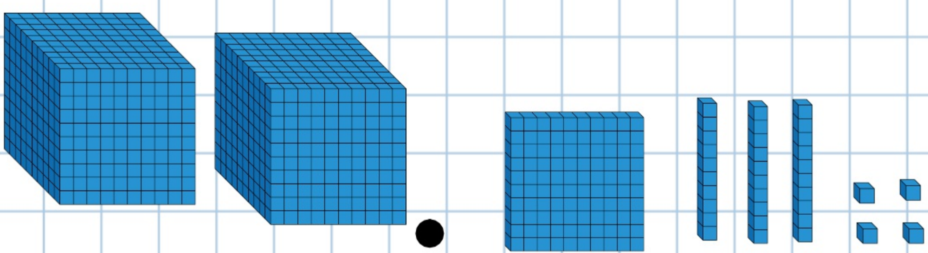
= 1 whole

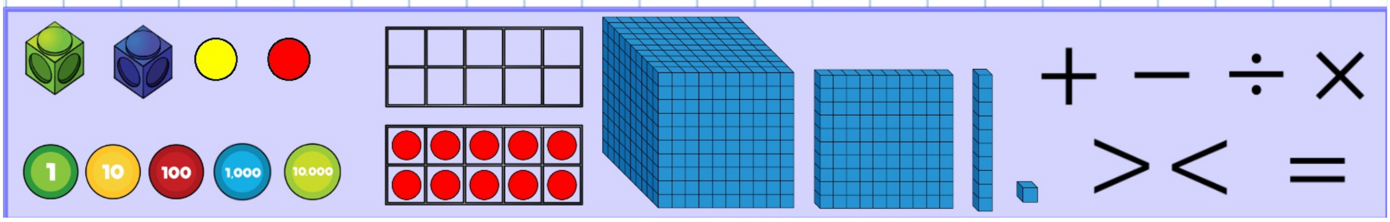
= 1 tenth

= 1 hundredth

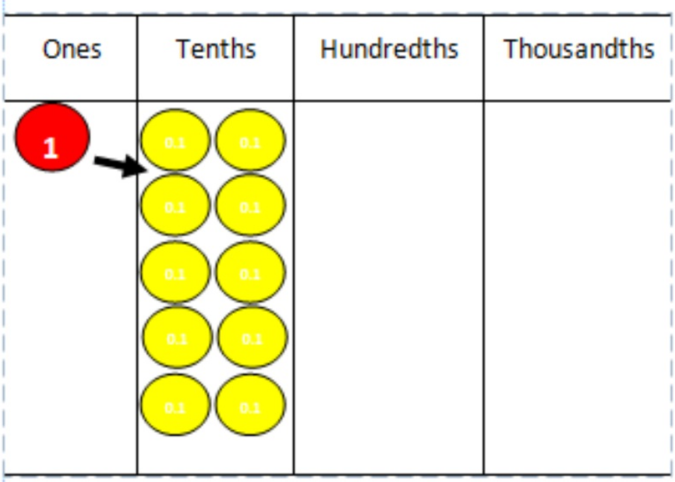
= 1 thousandth

How could we use this to represent 2.134?

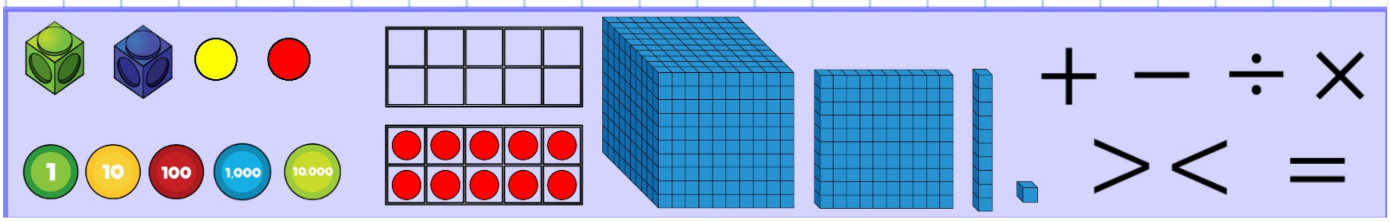




We can use counters to show how to exchange from one column to the other.



Here we can see that one 'whole' is the same as 10 tenths.

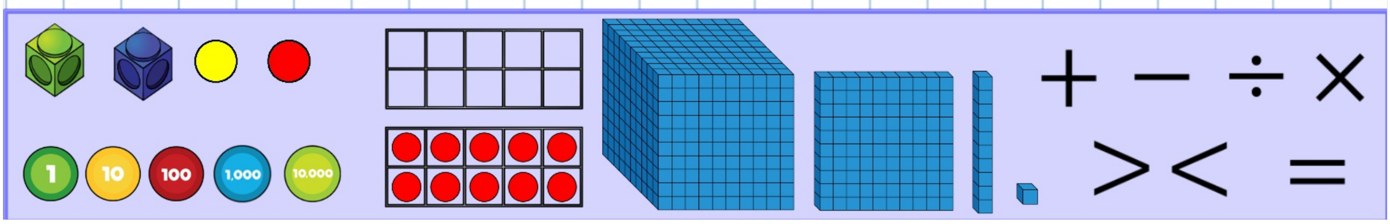


Remember that the 0 is important (in certain places) as it can be a place holder.

2.240

2.24

In this case, the 0 isn't important as it comes at the end of the number (after the decimal point).

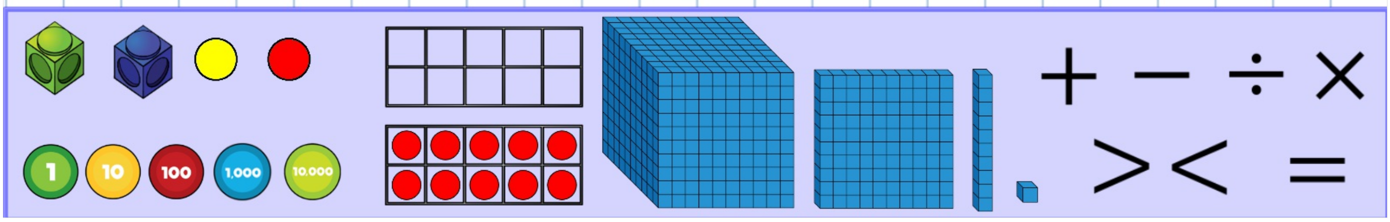


Remember that the 0 is important (in certain places) as it can be a place holder.

3.105
3.15

In this case, the 0 is important as it comes in the middle of the number.

If the 0 wasn't there then it would become 3.15 which is the same as 3.150 (which is greater than 3.105)



8.1.21 **Plenary**