Welcome to Year 6 Maths

The lesson will begin at 11:30am

Turn your camera and microphone **off** please

Maths Arithmetic

I can use different strategies to solve mathematical problems

Day 1

1 497 + 10 =

1mark

Be prepared to explain your answers

3. The time is 16:44. What time will it be in 23 minutes time?

2 356 x 9 =

1mark

Solutions

1. 507
2. 3,204
3. 17:07

Day 1

Be prepared to explain your answers

1 593 + 10 =

1 mark

2 256 x 9 =

1 mark

3. The time is 16:44. What time will it be in 33 minutes time?

Solutions

1. 507
2. 2,304
3. 17:17

Maths

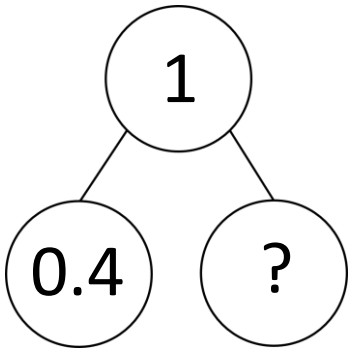
I can read, write and compare numbers up to three decimal places.

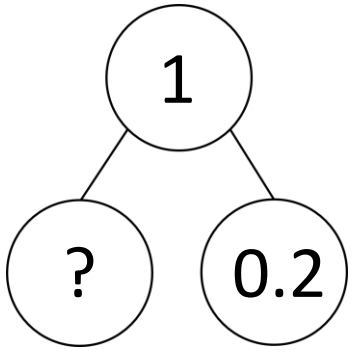
GET READY

White Rose Maths

1) What fraction is represented on the bar model?
Can you write it as a decimal?

2) Complete the part whole models:

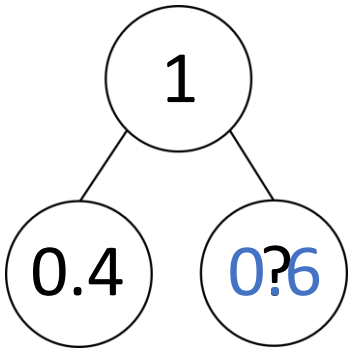


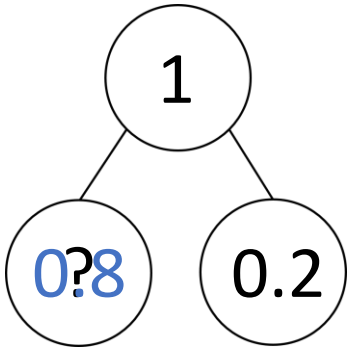


3) What is the value of the digit 6? 36.48

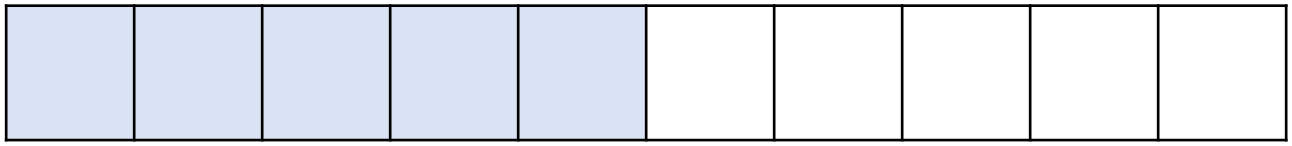
1) What fraction is represented on the bar model?
Can you write it as a decimal? $\frac{7}{10}$ 0.7

2) Complete the part whole models:



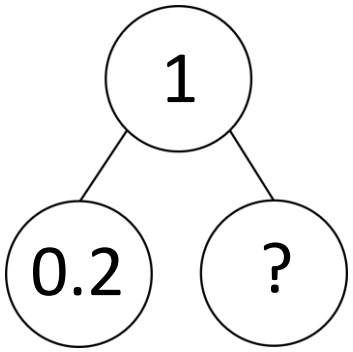


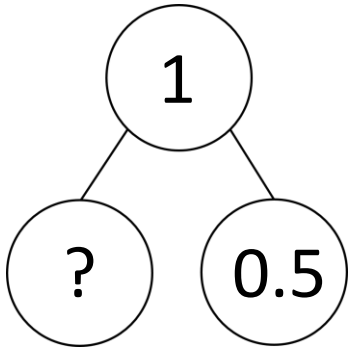
3) What is the value of the digit 6? 36.48 6 ones



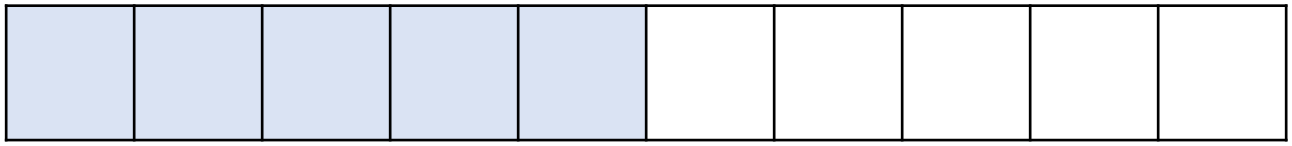
1) What fraction is represented on the bar model?
Can you write it as a decimal?

2) Complete the part whole models:





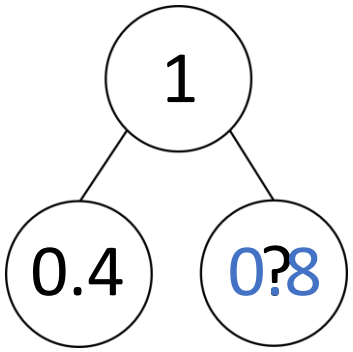
3) What is the value of the digit 6? 35.68

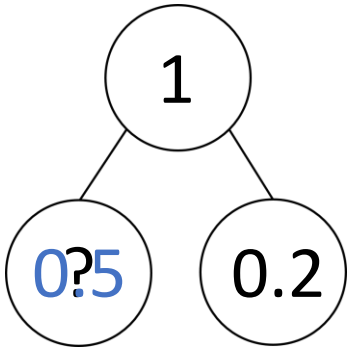


1) What fraction is represented on the bar model?
Can you write it as a decimal?

$\frac{5}{10}$ 0.5

2) Complete the part whole models:





3) What is the value of the digit 6? 35.68

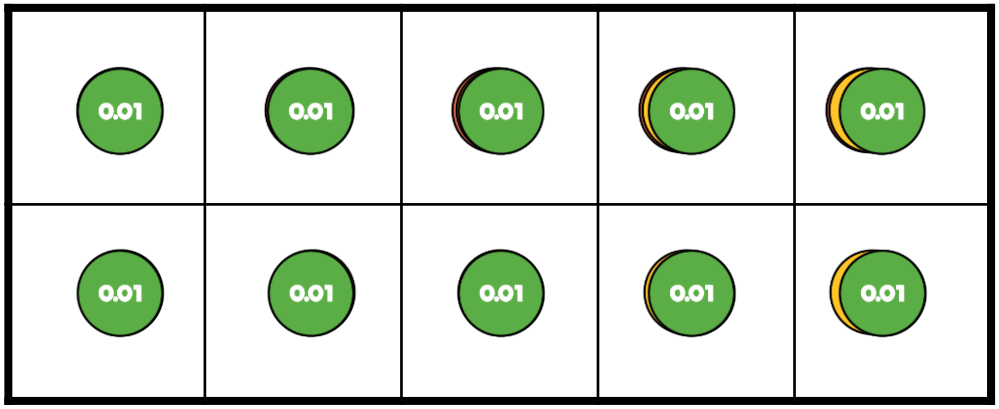
6 tenths

LET'S LEARN

White Rose Maths

The frame is worth 1 whole

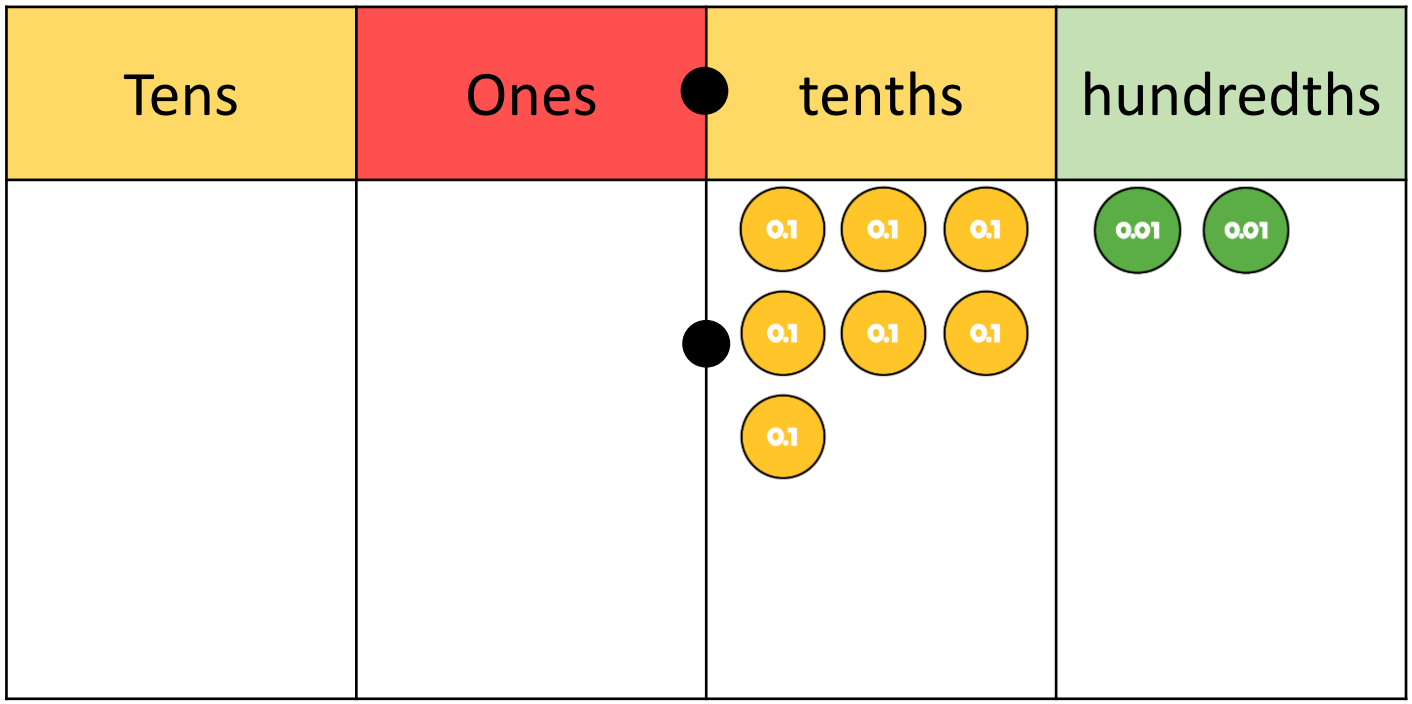
What would each square be worth?



10 ones = 1 ten

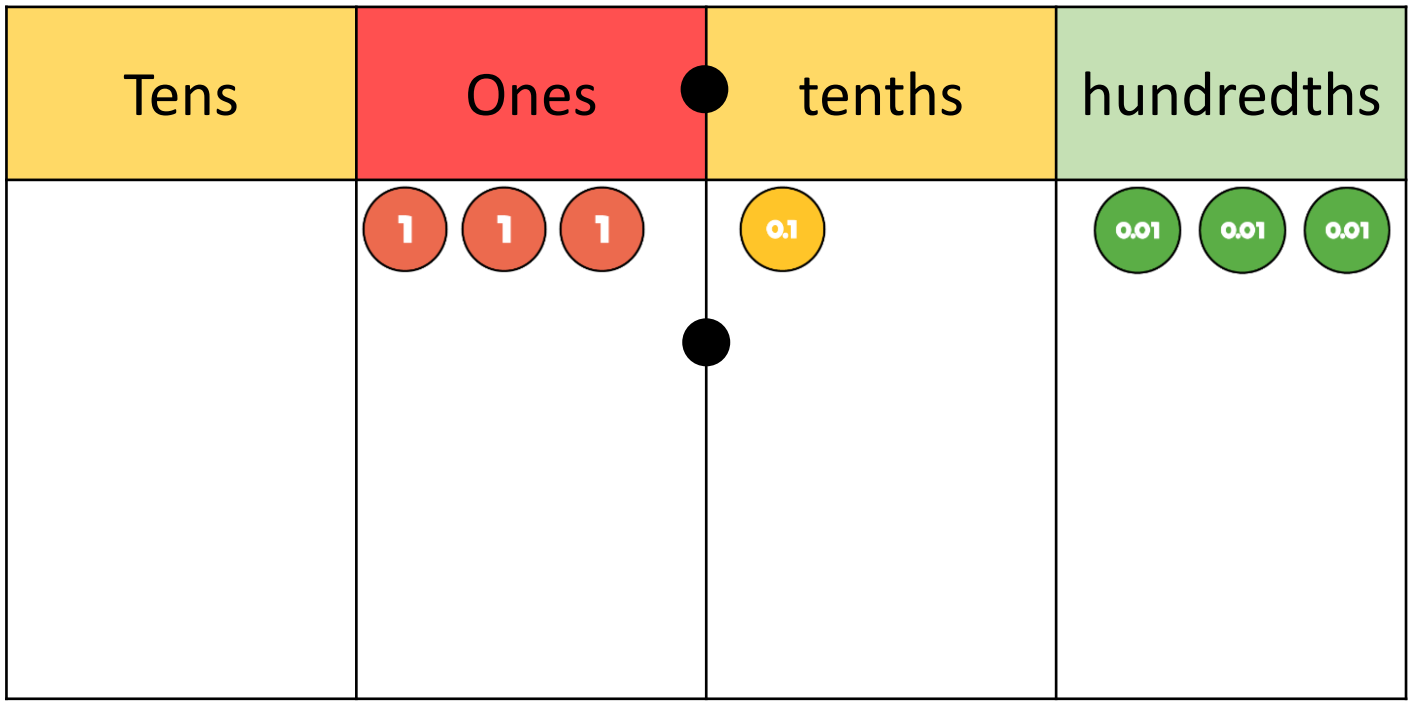
10 tenths = 1 whole

10 hundredths = 1 tenth



There are ☐ ones, ☐ tenths and ☐ hundredths.

The number is ☐



There are ☐ ones, ☐ tenth and ☐ hundredths.

The number is ☐

There are ☐ ones, ☐ tenths and ☐ hundredths.

The number is ☐

2.05

57.06

0.52

What is the value of the digit 5 in each of these numbers?

Have a think

There are ☐ ones, ☐ tenths and ☐ hundredths.

Tens	Ones	tenths	hundredths
		☐	

2.05

5 hundredths

0.05

57.06

5 tens

50

0.52

5 tenths

0.5

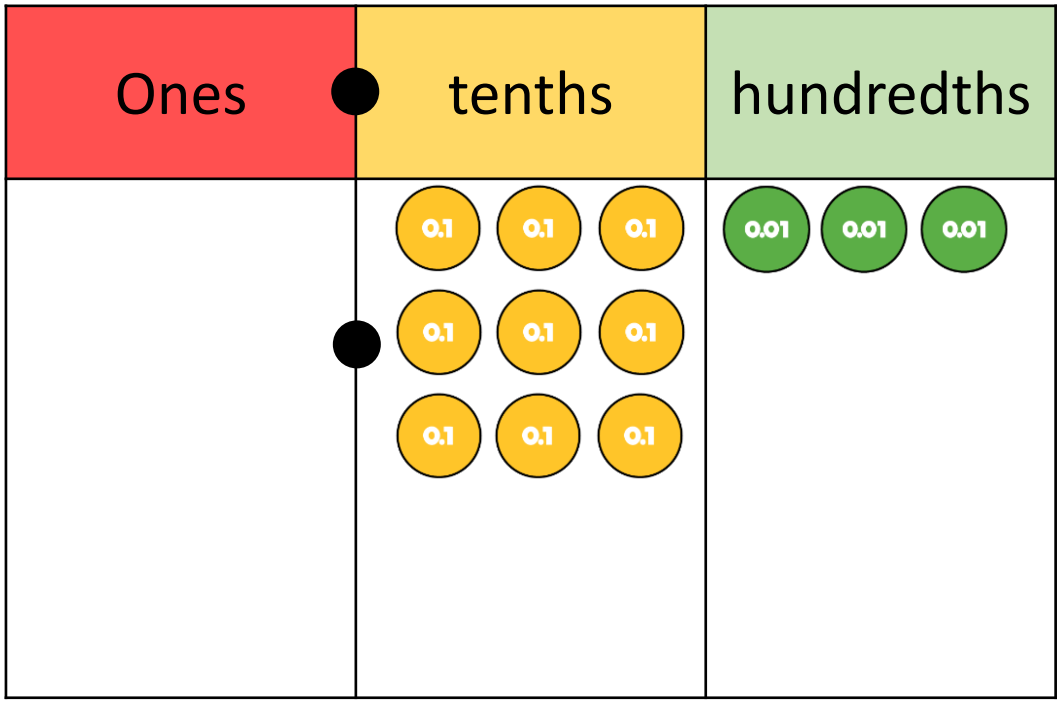
What is the value of the digit 5 in each of these numbers?

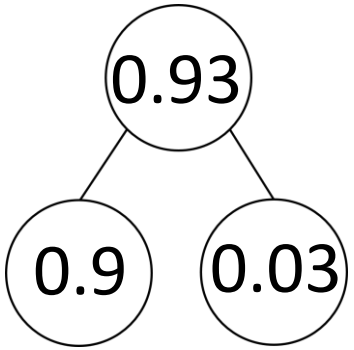
YOUR TURN

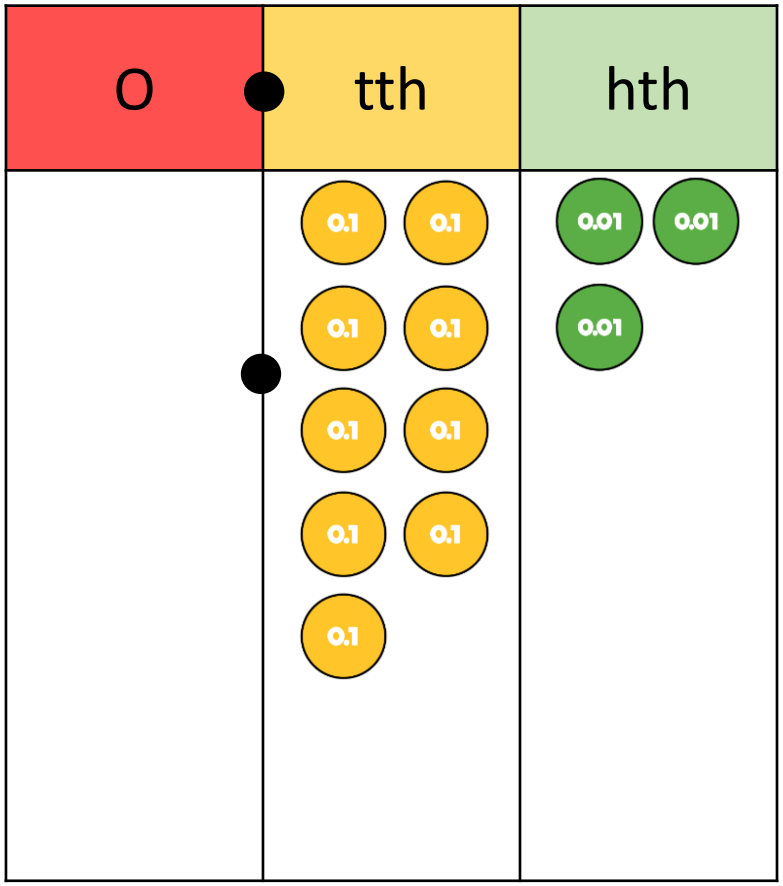
Have a go at questions
1 - 4 on the worksheet

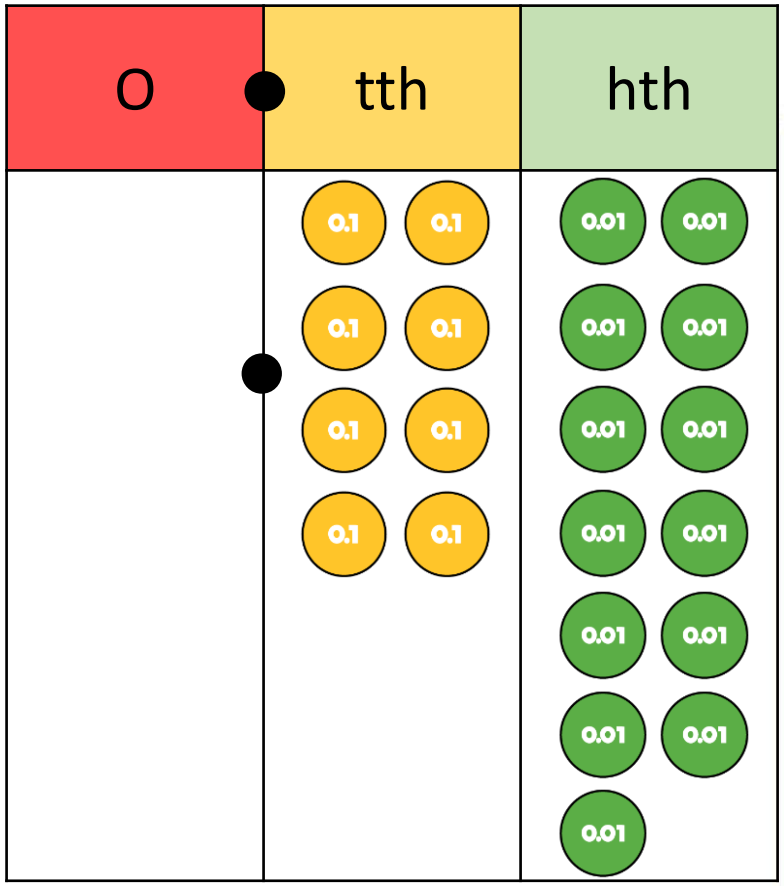
White Rose Maths

0.93


Ones
tenths
hundredths
0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.1
0.01
0.01
0.01


0.93
0.9
0.03

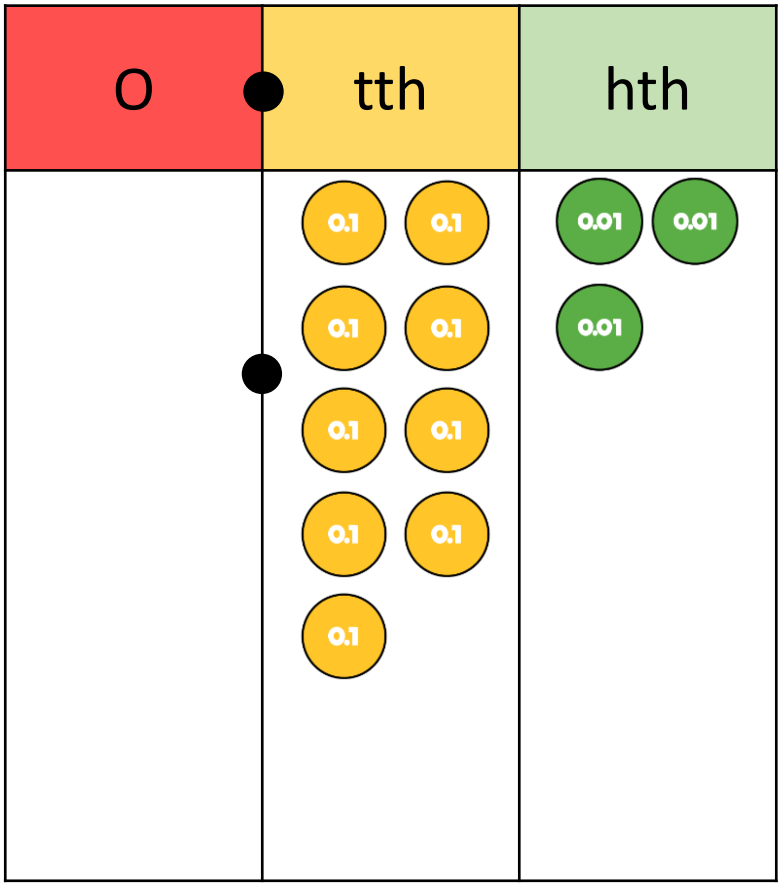


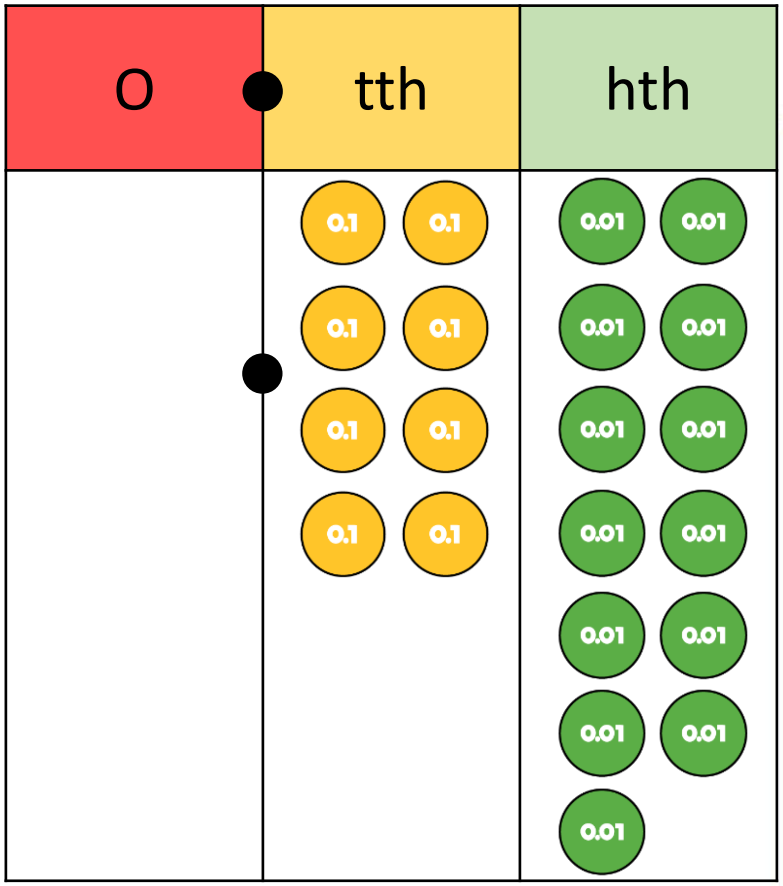


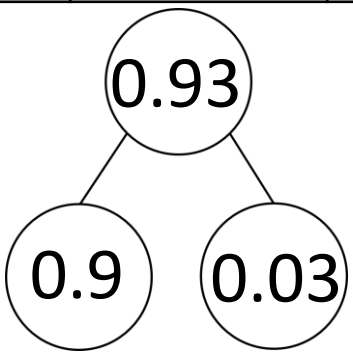
What's the same? What's different?

What do you notice?

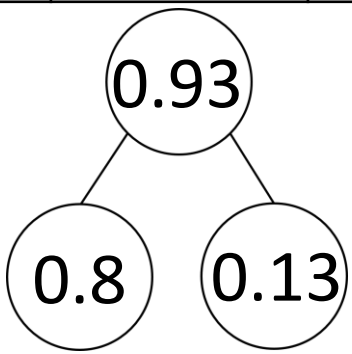
Have a think







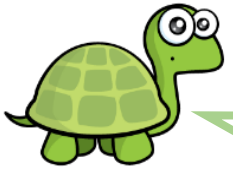
How many other ways can you partition 0.93?



YOUR TURN

Have a go at questions 5 - 6 on the worksheet

White Rose Maths



7 ones and 2 hundredths is 7.2 as a decimal.

Tens	Ones	tenths	hundredths
	1 1 1 1 1 1 1		0.01 0.01

7.02

Whitney has 4 digit cards.

1	5	2	3

She needs to place them all in the boxes below.

		•		

What's the largest number Whitney can make?

What's the smallest number Whitney can make?

How many different numbers can Whitney make?

Have a think

Whitney has 4 digit cards.

1	5	2	3

She needs to place them all in the boxes below.

		•		

What's the largest number Whitney can make?

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How many different numbers can Whitney make?

Whitney has 4 digit cards.

1	5	2	3

She needs to place them all in the boxes below.

		•		

What's the largest number Whitney can make?

What's the smallest number Whitney can make?

How many different numbers can Whitney make?

Whitney has 4 digit cards.

1	5	2	3

12.35	51.23
12.53	51.32
13.25	52.13
13.52	52.31
15.23	53.12
15.32	53.21

24 numbers can be made.

YOUR TURN

Have a go at the rest of the questions on the worksheet

White Rose Maths