Day 1 Maths - Starter

1) What is the value of the digit 7 in the number 10.75?   7 tenths

2) What is 36×10?   360

3) Work out $\frac{1}{3} + \frac{5}{9}$ $\frac{8}{9}$

4) Write down a 4-digit number with 7 in the hundreds column.   _ 7 _ _

Day 1 Maths – Decimals up to 3 places (Y5 Recap)

Video Link https://vimeo.com/487196408

As this is a new topic (no more fractions...) we begin the unit by recapping on some of the Year 5 objectives, to ensure children have retained their understanding.

As this is a Year 5 recap, there is only one task today for all children to complete. We will return back to options of work as of tomorrow when we begin the Year 6 focuses objectives.

In the number 2.49 the digit 4 represents 4 tenths or 0.4

What is the value of the digit 4 in each of these numbers

a) 14.8

b) 13.74

c) 8.04

d) 42.03

e) 106.48

f) 176.4

4 a) Which number has 5 in the tenths position?

53   5.3   0.53   0.35

b) Write three numbers that have 3 in the hundredths position.

5 Complete the calculations.

a) $0.64 = 0.6 + \boxed{}$

c) $0.3 + 0.05 = \boxed{}$

b) $0.53 = 0.5 + \boxed{}$

d) $0.06 + 0.8 = \boxed{}$

6 Rosie is finding different ways to partition 0.73

$0.73 = 0.7 + 0.03$ or $0.3 + 0.43$

In what other ways can 0.73 be partitioned?

List as many ways as you can.

Ones	Tenths	Hundredths
0	7	3

My number has 3 digits, is greater than 1 but less than 2 and has 3 tenths.

a) What number could Alex be thinking of?
   Talk about it with a partner.

b) Write all the possible numbers Alex could be thinking of.

c) Write another clue that would mean Alex's number is 1.34

8 Match the words to the numerals.

| 5 ones, 6 tenths and 5 hundredths		0.56
5 tenths and 6 hundredths		60.05
5 ones, 5 tenths and 6 hundredths		5.56
6 tens and 5 hundredths		5.65

9 Annie has three digit cards.

| 0 | 2 | 5 |

Are the statements true or false? Explain your answers.

a) The largest number Annie can make is 5.02

b) The smallest number Annie can make is 0.25

c) Annie can make six different numbers.

3 Mo is thinking about tenths and hundredths.

> In the number 2.49 the digit 4 represents 4 tenths or 0.4
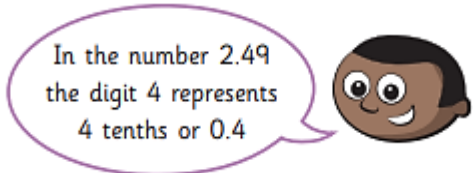
What is the value of the digit 4 in each of these numbers?

a) 14.8 ___4 ones___

b) 13.74 ___4 hundredths___

c) 8.04 ___4 hundredths___

d) 42.03 ___4 tens___

e) 106.48 ___4 tenths___

f) 176.4 ___4 tenths___

4 a) Circle the number that has 5 in the tenths position.
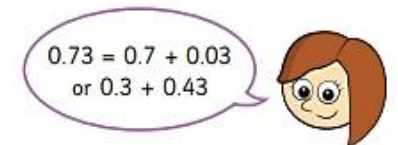
53   5.3   (0.53)   0.35

b) Write three numbers that have 3 in the hundredths position.

___eg. 0·03   4·53   72·03___

5 Complete the calculations.

a) 0.64 = 0.6 + [0·04]

b) 0.53 = 0.5 + [0·03]

c) 0.3 + 0.05 = [0·35]

d) 0.06 + 0.8 = [0·86]

6 Rosie is finding different ways to partition 0.73

> 0.73 = 0.7 + 0.03 or 0.3 + 0.43

Ones	Tenths	Hundredths
0	7	3

In what other ways can 0.73 be partitioned?
List as many ways as you can below.

0·1 + 0·63   0·5 + 0·23

0·2 + 0·53   0·6 + 0·13

0·4 + 0·33

7 Alex is thinking of a number.
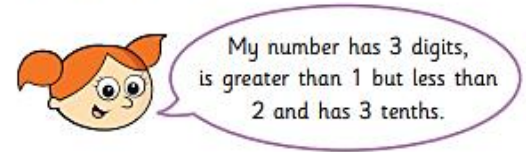
> My number has 3 digits, is greater than 1 but less than 2 and has 3 tenths.

a) What number could Alex be thinking of?
Talk about it with a partner.

b) Write all the possible numbers Alex could be thinking of.

1·30, 1·31, 1·32, 1·33, 1·34, 1·35, 1·36, 1·37,

1·38, 1·39

c) Write another clue that would mean Alex's number is 1.34

It has 4 hundredths.

8 Match the words to the numerals.
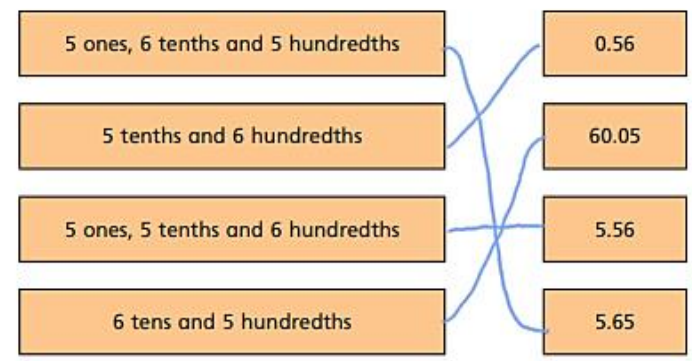
5 ones, 6 tenths and 5 hundredths	0.56
5 tenths and 6 hundredths	60.05
5 ones, 5 tenths and 6 hundredths	5.56
6 tens and 5 hundredths	5.65

9 Annie has three digit cards.

0   2   5

Are the statements true or false? Explain your answers.

a) The largest number Annie can make is 5.02

___False___   ___5·20 > 5·02___

b) The smallest number Annie can make is 0.25

___True___

c) Annie can make six different numbers.

___0·25   0·52   2·05   2·50   5·02 5·20___

___True___

Fancy some more?

Each of the arrows is pointing to about 0.724

0   0.5   1

0.7   0.75   0.8

0.72   0.725   0.723

White Rose Maths

True

The first number line is split into tenths, the second number line into hundredths and the third number line into thousandths.