Maths

Set W/C 11th May 2020

This week, we will be revising, practising and extending our skills in the area of 'numbers to 10 million - place value.'

1. Draw counters in the place value chart to represent the number 472,573

Millions			Thousands			Ones		
H	T	O	H	T	O	H	T	O

2. Draw counters in the place value chart to represent the number 3,785,302

Millions			Thousands			Ones		
H	T	O	H	T	O	H	T	O

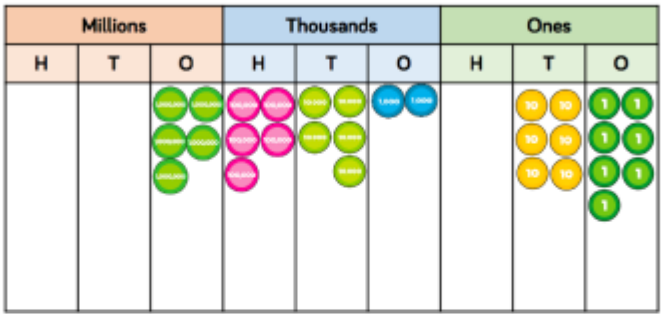
3. Write the following number in numerals and words.

Millions			Thousands			Ones		
H	T	O	H	T	O	H	T	O

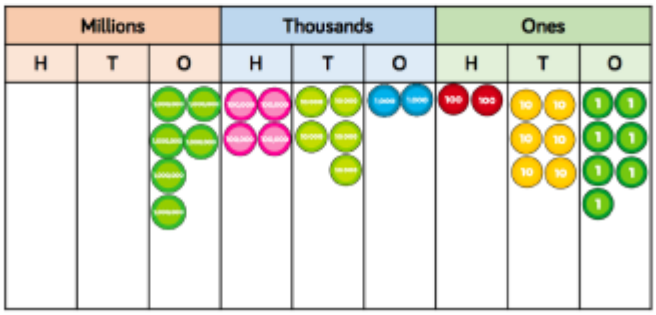
4. Write the following number in numerals and words.

Millions			Thousands			Ones		
H	T	O	H	T	O	H	T	O

5. Suzy's number is shown below. She adds 4000 to her number. Write the new number in numerals and words.



6. Luke's number is shown below. He adds 80 to his number. Write the new number in numerals and words.



1

Roll a six times.

- Arrange the numbers to make the **greatest possible number**.
- Now rearrange them to make the **smallest possible number.**
- Work out the **difference** between your two numbers.

2

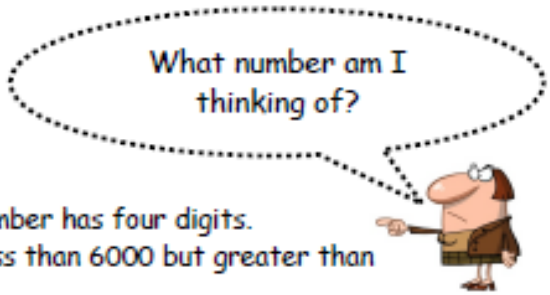
Put a digit in the missing space below to make the sentence correct.

2,63☐,667 < 2,633,66☐

Is there more than one option?

Can you find them all?

3



- The number has four digits.
- It is less than 6000 but greater than 5000.
- The hundreds digit is smaller than 6 but bigger than 4.
- The tens digit is an odd number smaller than 7 but bigger than 3.
- The ones digit is in the three times table and is bigger than 6 but smaller than 10.

4

Make your own 'What is the number?' question.

Ask a partner to solve the question.

5

started with the number 345,754.

She added 3 counters to the same column.

Her new number was greater than 346,000.

Which column could have added her counters to?

Millions			Thousands			Ones		
H	T	O	H	T	O	H	T	O

Is there more than one solution?

6

Cap Boy rolls a dice 7 times and records the digits.

says, "If I arrange the digits in **ascending order**, I will create the smallest number possible."

Is correct? Prove it.

Complete the sentences.

There are ____ ones, ____ tenths, ____ hundredths and ____ thousandths.
The number in digits is _____

Use counters and a place value chart to represent these numbers.

3.456 72.204 831.07

Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

Write down the value of the 3 in the following numbers.

0.53 362.44 739.8 0.013 3,420.98

Four children are thinking of four different numbers.

Teddy: "My number has four hundredths."

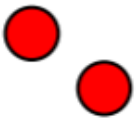
Alex: "My number has the same amount of ones, tenths and hundredths."

Dora: "My number has less ones that tenths and hundredths."

Jack: "My number has 2 decimal places."

Match each number to the correct child.

Identify the number represented on the place value chart.

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
					

Multiply it by 10, 100 and 1,000 and complete the sentence stem for each.

When multiplied by ____ the counters move ____ places to the _____.

Fill in the missing numbers in these calculations

$32.4 \times \square = 324$ $\quad$ $1.562 \times 1{,}000 = \square$

$\square \times 100 = 208$ $\quad$ $4.3 \times \square = 86$

Use the place value chart to divide the following numbers by 10, 100 and 1,000

Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

44 $\quad$ 1.36 $\quad$ 107 $\quad$ 5

Complete the table.

	÷10	÷ 100	÷ 1,000
30			
3 kg			
	0.9		
			9.0
		9.09	

Using the following rules, how many ways can you make 70?

- Use a number from column A
- Use an operation from column B.
- Use number from column C.

A	B		C
0.7	×	÷	0.1
7			1
70			10
700			100
7,000			1,000

Can you find a path from 6 to 0.06?
You cannot make diagonal moves.

6	× 10	× 10	÷ 100
÷ 10	× 100	× 100	÷ 10
× 10	÷ 10	÷ 1,000	÷ 100
÷ 1,000	× 1,000	× 100	0.06

Is there more than one way?