1) Find the missing values in these partitioned numbers.

400 000 + [ ] + 200 + 80 + 1 = 430 281

[ ] + 300 000 + 60 000 + 100 + [ ] + 7 = 5 360 147

9 000 000 + [ ] + 800 + [ ] = 9 700 807

300 000 + 10 + 7 = [ ]

2) Complete the table.

	Digits	Words
9 500 9 000 000 300 000		

M	HTh	TTh	Th	H	T	O		
○○ ○○		○○ ○○ ○	○	○○ ○	○○			

	Digits	Words
700 000 10 2 000 000 40 000		

M	HTh	TTh	Th	H	T	O		
							1 108 052	

1) a) *3 427 15*

Freya has written the number three million, four hundred and twenty-seven thousand and fifteen. Can you explain the mistake that Freya has made?

_____

_____

b) *nine million, six hundred and ninety-five thousand and five*

Jamil has written the number 9 600 955 in words. Can you explain the mistake that Jamil has made?

_____

_____

Jamil has written the number 9 600 955 in words. Can you explain the mistake that Jamil has made?

2) Explain how you can use place value to calculate the difference between each number. The first one has been done for you.

722 407	to	702 307	*subtract 20 000 and 100 (20 100)*
603 810	to	503 780	
2 567 305	to	1 967 295	
9 017 112	to	8 987 002	
5 345 606	to	4 705 596	

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1) I'm thinking of a number.

- It is between five million and six million.
- It is an even number.
- The hundred thousands digit is greater than six.
- The ten thousands digit is half of the hundred thousands digit.
- The hundreds digit is an even number that is less than five.
- The thousands digit is double the hundreds digit. It is greater than five.
- The tens digit is the highest even number less than ten.
- The ones digit is an even prime number.

a) What number am I thinking of? _____

b) Can you write the number in words? _____

_____

2) a) Find as many different numbers as you can that fit the following statements.

- It is greater than 500 000.
- The digit sum is 22.
- The tens digit is eight.
- The thousands digit is even.
- It is an odd number.

_____

_____

b) What are the greatest and smallest answers you could find?

_____

_____