

- 1) Find the missing values in these partitioned numbers.



$$\square + 30\,000 + 200 + 80 + 1 = 430\,281$$

$$\square + 300\,000 + \square + 100 + 40 + \square = 5\,360\,147$$

$$9\,000\,000 + \square + 800 + \square = 9\,700\,807$$

$$300\,000 + 10 + 7 = \square$$

- 2) Complete the table.

										Digits	Words
9											
9 000 000											
M	HTh	TTTh	Th	H	T	O					
<div> <div>○○○</div> <div>○○○</div> </div>											
700 000											
2 000 000											
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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?

- 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?



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