

Numbers to 1 000 000



1) What number is represented on the place value chart?

Thousands			Ones		
HTh	TTh	Th	H	T	O
●	● ●	● ● ● ●		● ●	● ● ● ● ●

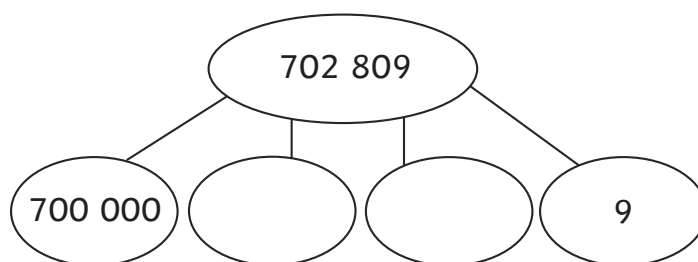
2) Represent these numbers with counters on the place value chart.

a) two hundred and three thousand, five hundred and thirty

HTh	TTh	Th	H	T	O

b) nine hundred and sixty thousand and fifty-one

3) Complete the part-whole model.



4) What is the value of the digit 3 in each of these numbers?

a) 437 902 _____

b) 302 791 _____

c) 803 102 _____

d) 980 123 _____

e) 201 530 _____

f) 400 368 _____



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1) Is the number 703 041 represented correctly on the place value chart?

Explain your reasoning.

Thousands			Ones		
HTh	TTh	Th	H	T	O
●●●●●●●●	●●●●		●●●●	●	

2) Is Zeke correct? Explain your reasoning.

Zeke

I think the missing number in both statements is 8000.

$$7 + 300 + \underline{\hspace{2cm}} + 20\,000 + 50 + 400\,000 = 428\,357$$

$$500 + 9 + \underline{\hspace{2cm}} + 800\,000 + 3000 = 883\,509$$



3) a) Circle the numbers that have been sorted incorrectly on the Carroll diagram and then write them in the correct places.

	hundred thousands digit is odd	hundred thousands digit is even
ten thousands digit is odd	573 602 101 004	816 502 795 032
ten thousands digit is even	428 608 701 923	870 517 288 041

b) Choose three of your own 6-digit numbers and write them in the correct place on the Carroll diagram.



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1) Find four possible numbers that Emily could be thinking of.

Emily



I am thinking of a 6-digit number. The digit sum is 8.

2) Find all of the numbers that match all of these statements.

The number has six digits.

The difference between the hundred thousands digit and the ten thousands digit is 2.

The hundred thousands digit is the greatest digit.

There are four zeros as placeholders.

3) Four children each think of a 6-digit number and write it on a sticky note.

307 303

809 707

609 505

109 457

Choose one of the numbers and partition it in four different ways using different representations.

