Numbers to a million

1 What numbers are represented in the place value charts?

a)

HTh	TTh	Th	H	T	O
●● ●● ●● ●●	●●	●●	●● ●● ●● ●● ●	●● ●● ●●	●

b)

HTh	TTh	Th	H	T	O
	●● ●● ●● ●	●			●● ●● ●● ●● ●

c)

HTh	TTh	Th	H	T	O
●● ●		●● ●	●● ●●		●● ●● ●●

2 Make these numbers in a place value chart.

a) 104,379 **b)** 804,363 **c)** 92,715 **d)** 690,018

What is the same about all the numbers you have made?

_____

3 Complete the table.

Numerals	550,000		850,000	
Words	five hundred and fifty thousand	six hundred and twenty thousand		seven hundred and sixty-two thousand

4 **a)** Circle all the numbers that have 2 in the hundreds column.

295 **2,095** **19,216** **200,000**

b) Write three more numbers that have a 2 in the hundreds column.

Each number should have a different number of digits.

_____

_____

5 Write the value of the 3 in each number.

a) 387 **d)** 307,612

b) 5,306 **e)** 531,476

c) 7,903 **f)** 603,956

6 Partition each number into its parts. The first one has been done for you.

a) 32,607 = 30,000 + 2,000 + 600 + 7

b) 2,915 = _____

c) 30,316 = _____

d) 438,390 = _____

e) 769,688 = _____

7 Complete the table.

10,000 less than	Number	10,000 more than
	270,875	
	679,455	
	395,600	
	805,950	

8 Complete the number sentences.

☐ + 76,480 = 376,480

☐ + 276,480 = 576,480

☐ – 76,480 = 300,000

576,480 – ☐ = 76,480

9 Dora is thinking of a 6-digit number.

- It is an odd number.
- The smallest digit has the greatest value.
- The greatest digit has the smallest value.
- The first and last digit add up to 10
- The first three digits also add up to 10
- The last three digits add up to 20
- The two middle digits are the same.

What could Dora's number be?

Use this space for your working out.

Dora's number could be ☐

Write another 6-digit number and clues to go with it.
Share the clues with a partner to see if they can find your number.