

Numbers to 10 million

1 What numbers are represented in each place value chart?

a)

M	HTh	TTh	Th	H	T	O
		●●●	●●		●●●●	●●

b)

M	HTh	TTh	Th	H	T	O
	●●		●●	●●●	●●	

c)

M	HTh	TTh	Th	H	T	O
●●	●●	●●●	●●			

2 Make these numbers in a place value chart.

- a) 765 b) 39,800 c) 7 million d) 300,762

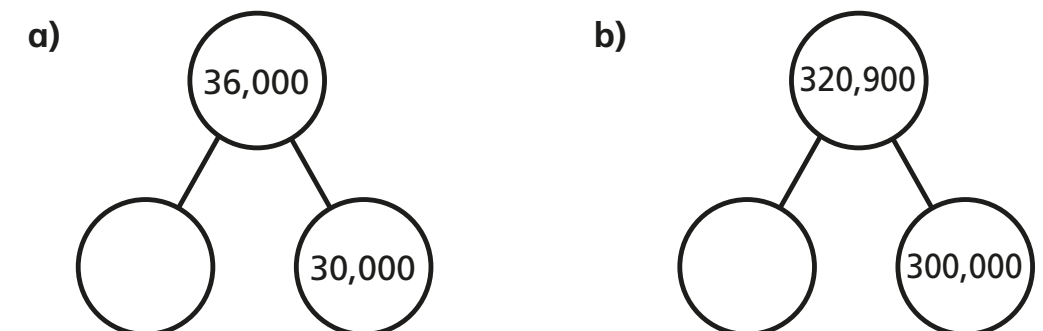


3 Write three 5-digit numbers that have 6 in the hundreds place.

4 What is the value of the bold digits?

- a) 2,9**5**0
 b) 3**7**,300
 c) 1**9**5,000
 d) 71,9**0**3
 e) 1,4**3**2,310

5 Complete the part-whole models and number sentences.



- c) $23,700 = 20,000 + 3,000 + \boxed{}$
 d) $104,039 = 100,000 + \boxed{} + \boxed{} + \boxed{}$
 e) $\boxed{} = 200,000 + 40,000 + 9,000 + 70 + 3$
 f) $\boxed{} = 52,000 + 600$

- 6 Complete the calculations.

$$42,000 = 40,000 + \boxed{}$$

$$42,000 = 30,000 + \boxed{}$$

$$42,000 = \boxed{} + 10,000 + \boxed{}$$

- 7 Mo uses 7 counters to make a number on a place value chart.

- a) Write 5 numbers Mo can make.

- b) What is the biggest number Mo can make?

- c) What is the smallest number Mo can make?

- d) What do you notice about the sum of the digits?

- 8 Write these numbers in words.

5,360 _____

800,325 _____

3,412,016 _____

- 9 a) Dexter has written a set of clues to describe a number.
What is the number?

- It has 5 tens.
- It has one more thousand than it does tens.
- It has 7 digits.
- It starts with a 9
- The rest of the digits are zeros.

- b) Write a set of clues for the number 2,843,003

Check your clues with a partner's clues.

What is the same and what is different?

- c) Choose a number of your own and write a set of clues.
Can your partner work out your number?