

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

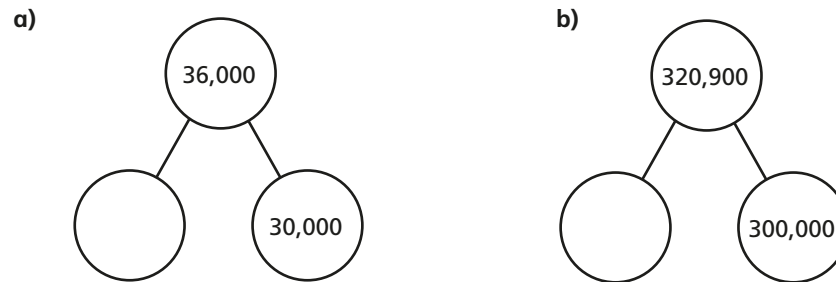
3 Write three 5-digit numbers that have 6 in the hundreds place.

4 What is the value of the bold digits?

a) 2,950 b) **37**,300 c) **195**,000 d) 71,**903** e) **1**,432,310



5 Complete the part-whole models and number sentences.



c) $23,700 = 20,000 + 3,000 + \square$

d) $104,039 = 100,000 + \square + \square + \square$

e) $\square = 200,000 + 40,000 + 9,000 + 70 + 3$

f) $\square = 52,000 + 600$

6 Complete the calculations.

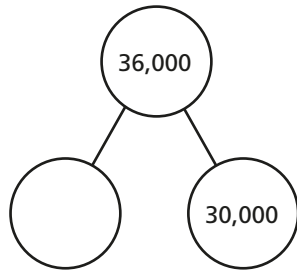
$42,000 = 40,000 + \square$

$42,000 = 30,000 + \square$

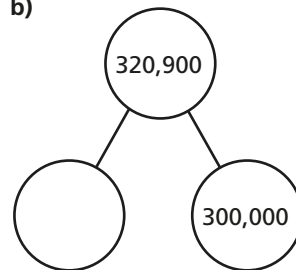
$42,000 = \square + 10,000 + \square$

5 Complete the part-whole models and number sentences.

a)



b)



c) $23,700 = 20,000 + 3,000 + \square$

d) $104,039 = 100,000 + \square + \square + \square$

e) $\square = 200,000 + 40,000 + 9,000 + 70 + 3$

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6 Complete the calculations.

$42,000 = 40,000 + \square$

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$42,000 = \square + 10,000 + \square$

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

- Write 5 numbers Mo can make.
- What is the greatest number Mo can make?
- What is the smallest number Mo can make?
- What do you notice about the sum of the digits?

8 Write these numbers in words.

- a) 5,360 b) 800,325 c) 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?

