

10,000s, 1,000s, 100s, 10s and 1s **2**

1 Write the number that is represented by each group of crates.

a)

TTh	Th	H	T	O

b)

TTh	Th	H	T	O

2 A number is represented on this place value grid.

TTh	Th	H	T	O

Use the representation to complete these partitioning sentences for the number.

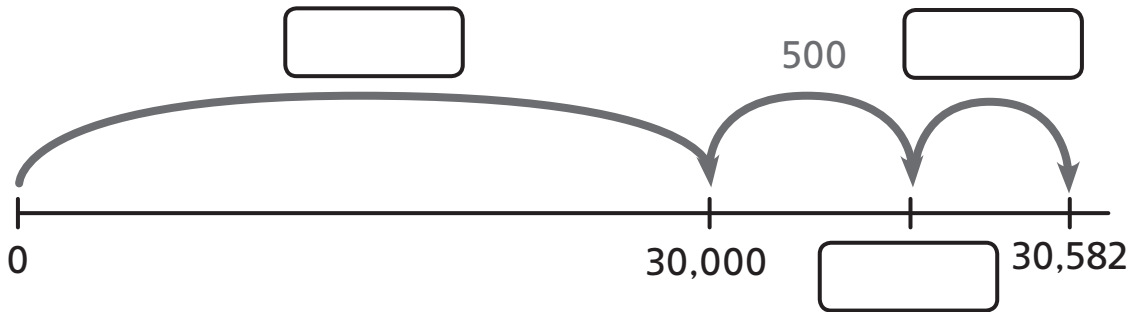
a) = 50,000 + ,000 + 00 +

b) = 53,000 + +

c) = 53,000 + 500 + + 4

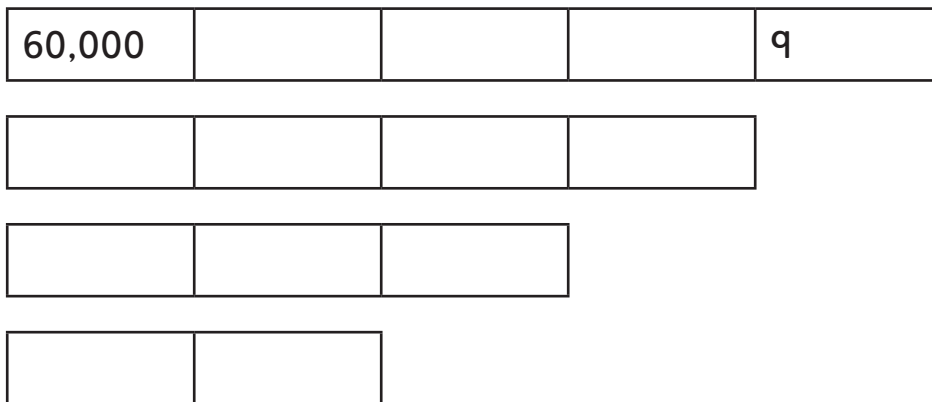
d) = 53,000 + 500 +

- 3 a) On the number line, write in the missing numbers to show how 30,582 is partitioned.



- b) Now write the matching addition sentence.

- 4 Together, the parts in each row of blocks represent the number 68,359.

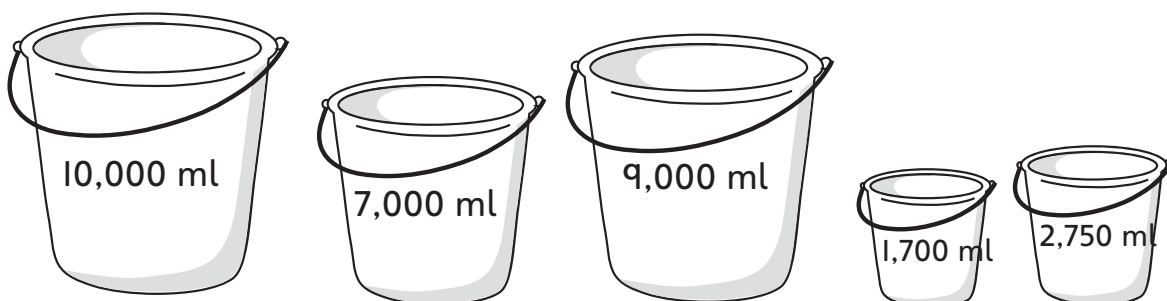


Partition the number 68,359 in different ways by putting numbers in the blocks.

- 5 Liam pours 18,750 ml of water into a container.

He uses full buckets of water each time. Each bucket is different.

Circle the buckets he uses.



CHALLENGE

6 5,400 passengers go on a summer cruise.

The cruise company uses three ships to carry all of the passengers.

No ship has fewer than 1,000 passengers.

How many passengers could be on each ship?

Complete the table to show five different solutions.

Ship	Solution 1	Solution 2	Solution 3	Solution 4	Solution 5
Voyager					
Princess					
Neptune					

Reflect

Max and Ambika partition the number 26,532 in different ways.

Max writes $26,532 = 20,000 + 6,000 + 500 + 30 + 2$

Ambika writes $26,532 = 10,000 + 16,000 + 500 + 32$

Explain why both children are correct.

- _____
- _____
- _____
- _____
- _____