

# Partition numbers to 10,000

## Reasoning and problem solving

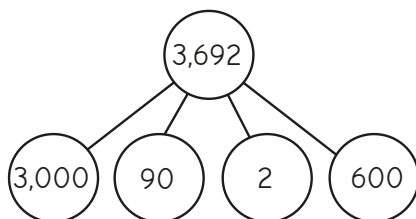


Tiny is partitioning 5,703

$$5,703 = 500 + 70 + 3$$

Explain the mistake that Tiny has made.

Aisha uses a part-whole model to partition 3,692



Has she partitioned the number correctly?

Explain your answer.



I am thinking of a 4-digit number.

Use the clues to work out Annie's number.

- There are the same number of hundreds and tens.
- The 4-digit number is even.
- The tens digit is 1
- The thousands digit is one more than the ones digit.
- The sum of the digits is 19

Think of another 4-digit number and challenge a partner to work out your number from clues.

9,118