Problems of the Day 2020

Day 20

1 Complete these number sentences.

$25 + 25 + 25 + 25 = \square \times 25$

$10 + 10 + 10 + 10 = \square \times 5$

$25 + 25 + 25 + 25 = \square \times 5$

$25 + 25 + 25 + 25 = \square \times 100$

$25 + 25 - 25 - 25 = \square \times 25$

2 Louise is thinking of a 4-digit number.
Here are some clues to the number.

The number lies between 4,000 and 5,000

All the digits are different

The digit in the tens place is twice the digit in the thousands place

The sum of the digits is 24

The number is odd

What could Louise's number be?

White Rose Maths