

**Year 5 Silver Badge** - Complete both tasks and hand this back to your class teacher.

### Task 1

**Read, write, order and compare numbers to at least 1,000,000 and determine the value of each number**

Oliver is think of a 6-digit number.

- The sum of the digits is 30
- The number reads the same forwards as backwards
- The number is between 750,000 and 800,000
- The number has no zeros
- All the digits are odd

Ben has thought of another 6-digit number

- The sum of the digits is 40
- The number reads the same forwards as backwards
- All the digits are even
- The number has no zeros
- The hundreds and the tens digits are the same

What are Oliver and Ben's numbers?

### Task 2

**Interpret negative numbers in context.**

**PIRC**

The table shows how well James did in a times tables test of 10 questions. He scored two points for a correct answer and lost 1 point for every incorrect answer.

- How many points did James score altogether?
- Ammaar scored 11 points on the same test. How many questions did he get correct?
- What is the difference between the lowest and highest score possible on this test?
- What would be the lowest score if you lost 2 points for every incorrect answer?
- What would James and Ammaars scores have been if they lost 2 points for every incorrect answer?

1	✓
2	✗
3	✓
4	✗
5	✗
6	✗
7	✓
8	✓
9	✗
10	✗

-9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9