Number Brainteasers

I can solve number and place value reasoning problems.

A number has a 2 in the tens place, a 3 in the ones place and a 7 in the thousands place. It has 5 digits. The digit total of the number is 18.

What could the number be?

3.2   2.3   1.2   2.1   1.3   3.1

Felix puts these numbers in order from smallest to biggest.

1.3   1.2   2.1   2.3   3.2   3.1

He has made some mistakes.

Can you circle his mistakes and write the numbers in order below?

Circle the numbers that round to 2000 to the nearest 1000.

1823   2501   1499   1750   2367   2280

Stacey thinks there are five possible whole numbers that could fit in the box.

23 459 < [   ] **< 23 465**

Is she right? What are the numbers that could fit in the box?

Bradley takes the temperature in his garden for five days.

Day 1	Day 2	Day 3	Day 4	Day 5
-3°C	0°C	-2°C	3°C	-1°C

What was the highest temperature Bradley recorded?

What was the difference between the highest and the lowest temperature?

Blake counts in 300s starting at 1200. What is the first number higher than 2500 that he will count?