

# Place Value in Big Numbers

- 1 A number has been partitioned. Each part has been written on a different piece of paper. The pieces of paper have been mixed up, as shown.

Write the number in words.

1000	2 000 000	3	400	500 000	60
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1 mark

- 2 Fill in the boxes to show two different ways to partition the number seven hundred and twenty-four thousand, eight hundred and nineteen.

You should only write one number in each box.

$$720\ 000 + \text{[Pencil]} \text{ [Box]} + 810 + 9$$

1 mark

$$700\ 000 + 20\ 000 + \text{[Pencil]} \text{ [Box]} + 19$$

1 mark

- 3 Ali and Bashir each have a set of nine cards numbered 1-9. They each choose five cards from their pack to make a 5-digit number.

What is the biggest possible difference between their numbers?  
Write the answer and your working in the box.



Biggest difference =

2 marks

**Q** 2 000 000 is the largest 7-digit number you can make where the digits add up to 2. What is the smallest? How many different 7-digit numbers can you make which have digits that add up to 2? What about 7-digit numbers with digits that add up to 3? Find a method that could help you list them all.

"I can read, write and partition numbers up to a million."

