



# Place Value Reasoning

Can you write 6 different 5-digit numbers where the digit sum is 8 and the thousands digit is 2?

One has been done for you:

1. 32 210
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

What is the largest number you have made?

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What is the smallest number you have made?

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If you put your numbers in order from smallest to largest, which number will be third?

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# Place Value Reasoning

Can you write 6 different 6-digit numbers where the digit sum is 8 and the hundreds digit is 1?

One has been done for you:

1. 132 101
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

What is the largest number you have made?

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What is the smallest number you have made?

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If you put your numbers in order from smallest to largest, which number will be fourth?

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Choose one of your numbers and round it to the nearest 10, 100 and 1000.

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# Place Value Reasoning

Can you write 6 different 7-digit numbers where the digit sum is 9 and the ten thousands digit is 2?

One has been done for you:

1. 1 320 111

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

What is the largest number you have made?

\_\_\_\_\_

What is the smallest number you have made?

\_\_\_\_\_

If you put your numbers in order from largest to smallest, which number will be fifth?

\_\_\_\_\_

Choose one of your numbers and round it to the nearest 10, 100, 1000 and 10 000.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

In which of your numbers is the hundred thousands digit the highest?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_