THIRD SPACE LEARNING

HELLO!

Today we are going to learn about numbers 1001 to 9999

2015 =

1000s	100s	10s	1s
2	0	1	5

Warm up for numbers 1001 to 9999

1. Say the next three numbers in this sequence.

496, 497, 498, ☐ , ☐ , ☐

2. Match these.

678	800 + 70 + 6
768	600 + 70 + 8
687	700 + 60 + 8
876	600 + 80 + 7

3. Say the number that is 10 more than 673.

4. Order these numbers from lowest to highest 687, 867, 786, 678, 876

☐ ☐ ☐ ☐ ☐

You are learning to work with numbers between 1001 and 9999

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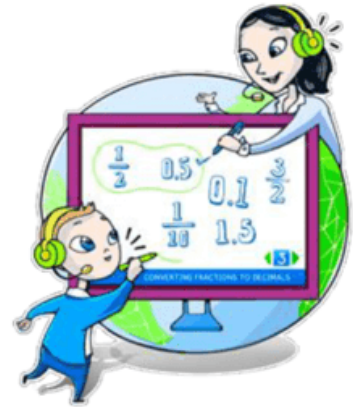
Numbers 1001 to 9999



In this session, we are going to learn:

- Count over the thousands, up to 9999
- Say or write any number in words or in digits
- Understand how to partition any number into 1000s, 100s, 10s and 1s and know that the position of the digit gives it its value and that zero can be used to hold numbers in their place
- Say the number that is 1000 more or 1000 less than any number
- Order and compare numbers by looking at the digits in columns in a place-value chart

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Counting over the thousands to 9999

1. What is the next number in this sequence?

   996, 997, 998, 999 ☐

2. What is the next number in this sequence?

   1996, 1997, 1998, 1999 ☐

3. What is the next number in this sequence?

   7996, 7997, 7998, 7999 ☐

Reading and writing numbers to 9999

Write these numbers in words: 1864 7814 5299 6045

1864 = one thousand, eight hundred and sixty-four

7814 = ____ thousand, ____ hundred and ____

5299 = ____

6045 = ____

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Partitioning a number into multiples of 1000, 100, 10 and 1s

Partition these numbers: 1864 7831 1299 6523

To understand the value of each digit, we can use a place-value chart.

1000s	100s	10s	1s
1	8	6	4

1864 = 1000 + 800 + 60 + 4

7831 =

1299 =

6523 =

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Partitioning a number into multiples of 1000, 100, 10 and 1s

The position of the digits gives it its value.

1. What is the value of the '2' digit in 4213?

1000s	100s	10s	1s

2. What is the value of the 2 digit in 2891?

3. What is the value of the 2 digit in 3128?

Zero as a placeholder

If there are no 100s or 10s or 1s, a zero can be used as a placeholder.

1. Write seven thousand and eighty-one in digits.

1000s	100s	10s	1s

2. Write nine thousand and two in digits.

1000s	100s	10s	1s

Finding 1000 more or less

A place-value chart can help us find a number 1000 more or 1000 less than any number.

1. What number is 1000 more than 5421?

1000 more

1000s	100s	10s	1s

2. What number is 1000 less than 7902?

1000 less

1000s	100s	10s	1s

Ordering and comparing numbers

A place-value chart can also help us order and compare numbers.

1. Which number is bigger, 8409 or 8471?

1000s	100s	10s	1s
8	4	0	9
8	4	7	1

2. Which number is smaller, 2732 or 2723?

1000s	100s	10s	1s

Ordering and comparing numbers

Order these numbers from smallest to biggest.

6841 6809 6814 6418

1000s	100s	10s	1s

Smallest | | | | | Biggest

Practice time

1. Write the next number in the sequence.

   6996, 6997, 6998, 6999,

2. Write these numbers in digits.

   a) four thousand, six hundred and eighty-nine

   b) six thousand and forty-six

   c) nine thousand and one

3. Write these numbers in words.

   a) 8213

   b) 5012

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Practice time

4. Partition these numbers into 1000s, 100s, 10s and 1s.

a) 3236 3236 =

b) 9201 9201 =

c) 4003 4003 =

5. What is the value of the underlined digit?

a) 58<u>2</u>1

b) <u>4</u>123

c) 8<u>3</u>23

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Practice time

6. Order these from highest to lowest.

7390 8234 8324 7834

7. Eva wants to buy a new car. She has seen a blue car for £8989 and a red car for £8889. Which car is cheaper?

8. In April 2014 it was exactly 1000 years since the Battle of Clontarf in Ireland. In what year was the battle?

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Numbers from 1001 to 9999

What do you understand better now?