



Linked to your previous learning, discuss and complete the following questions:

1. What do the terms ascending and descending mean?

2. Write the following numbers in descending order:

2,605

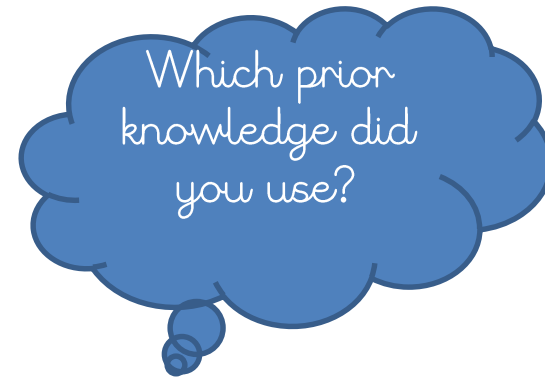
8,256

462

12,300

ANSWER

12,300, 8,256, 2,605, 462



How did you do this?

** Remember to look at the highest value digits first, if they are the same, look at the next highest value.

Can you think of any times when you would use this knowledge in real-life situations?

WALT: Order and
compare numbers up to
100,000

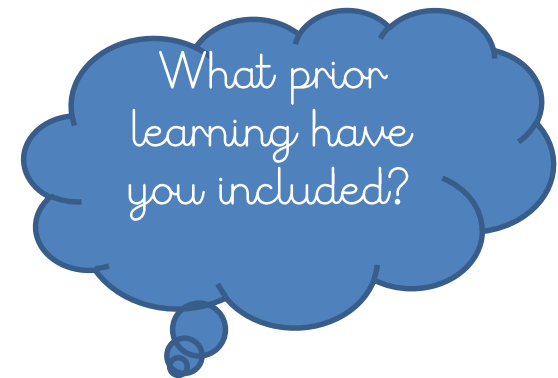
Introduction I

Write the following numbers in ascending order:

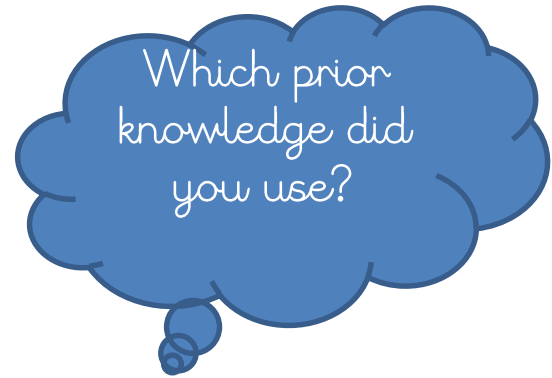
38,156

72,305

3,511



How did you do this?



Top tip

Remember to look at the highest value digits first, if they are the same, look at the next highest value.

Can you think of any times when you would use this knowledge in real-life situations?

Introduction 2

What do the following symbols mean?

$<$ $>$ $=$

Complete the calculations using the symbols above:

3,641 _____ 4,716

19,234 _____ 9,231

3×2 _____ 2×3

Key Vocabulary

- Digit
- Ones
- Hundred
- Thousand
- Ascending
- Descending
- Smallest
- Largest
- Ordered
- Greater than
- Less than
- Equal to



Use the class maths display and your table top resource pack to generate your own examples of key vocabulary too.

Fluency - Do it!

Write the numbers in ascending order:

1) 160, 1,247, 744, 2,234

2) 1,160, 1,047, 2,744, 2,234

3) 99,010, 98,234, 99,009, 19, 134

Add in the missing symbol:

4) 3,212 ____ 3,741

5) 799,222 ____ 799,220

6) 25×4 _____ 4×25

Fluency - Do it! ANSWERS

Write the numbers in ascending order:

1) 160, 744, 1,247, 2,234

2) 1,047, 1,160, 2,234 2,744,

3) 19, 134, 98,234, 99,009, 99,010

Add in the missing symbol:

4) $3,212 < 3,741$

5) $799,222 > 799,220$

6) $25 \times 4 = 4 \times 25$

Reasoning - Secure it!

Make a set of digit cards for 0 to 9. You will need these for both reasoning and problem solving.

Place the digits cards 0 to 9 face down and select five of them.

Make the greatest number possible and the smallest number possible.

How do you know which is the greatest or smallest?

Problem solving - Deepen it!

Using the digit cards 0 to 9, create three different 5-digit numbers that fit the following clues:

- The digit in the hundreds column and the ones column have a difference of 2
- The digit in the hundreds column and the ten thousands column has a difference of 2
- The sum of all the digits totals 19

Reasoning - Secure it! And Problem Solving - Deepen it! **ANSWERS**

Place the digits cards 0 to 9 face down and select five of them.

Make the greatest number possible and the smallest number possible.

How do you know which is the greatest or smallest?

Dependent on numbers chosen.
e.g. 4, 9, 1, 3, 2

Smallest: 12,349
Greatest: 94,321

I know this is the greatest number because the digit cards with the larger numbers are in the place value columns with the greater values.

Using the digit cards 0 to 9, create three different 5-digit numbers that fit the following clues:

- The digit in the hundreds column and the ones column have a difference of 2
- The digit in the hundreds column and the ten thousands column has a difference of 2
- The sum of all the digits totals 19

Possible answers include:

47,260
56,341
18,325
20,476

Plenary 1

Which of the key vocabulary have you used?

Have you highlighted it yellow?

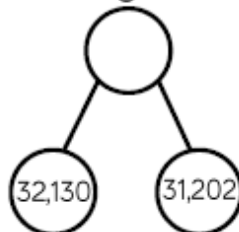
Have you used any sentence starters?

If so, highlight them green.

Remember to use an emoji to show how well you understood the WALT.

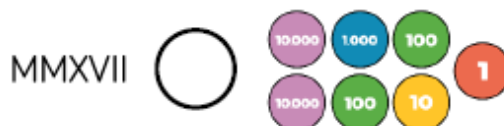
Plenary 2

Put these numbers in ascending order.



10,000s	1,000s	100s	10s	1s
6	3	3	2	0

Add the symbol $<$, $>$ or $=$ to make the statement correct.



Use six counters to make five different 5-digit numbers.



10,000s	1,000s	100s	10s	1s

Order your numbers from greatest to smallest.