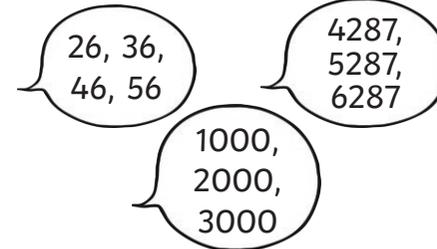


# Number and Place Value

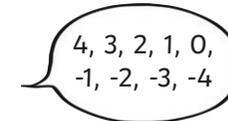


## Counting

Count forwards or backwards in steps of 10, 100 and 1000 for any given number up to 10,000.

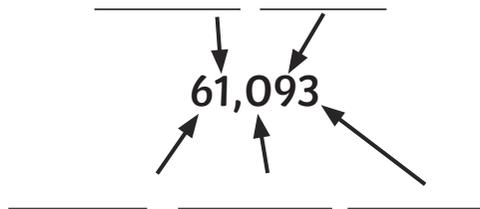


Count forwards and backwards with positive and negative whole numbers, including through zero.



## Place Value

Read, write, order and compare numbers to at least 100 000 and determine the value of each digit.



## Solve Problems

Solve number and practical problems that involve all of the other objectives.

What number is added to 5900 to total 10,000?

9826 people attend a concert. The news said ten thousand attended the concert. To what number was the attendance rounded?

**Identify and Represent**

Round any number up to 100,000 to the nearest 10, 100, 1000 and 10,000.

27,135 rounded to the nearest 10 is \_\_\_\_\_

27,135 rounded to the nearest 100 is \_\_\_\_\_

27,135 rounded to the nearest 1000 is \_\_\_\_\_

27,135 rounded to the nearest 10,000 is \_\_\_\_\_

**Compare and Order**

Order and compare numbers to at least 10,000 and determine the value of each digit. Write in  $<$ ,  $>$  or  $=$  in the box below.

5515  5155

Order the following:

7727, 2277, 7272, 7772

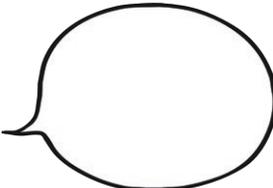
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smallest

greatest

**Read and Write**

Read and write numbers to at least 100,000 and determine the value of each digit.

61,093 

Read Roman numerals to 1000 (M)

DCCLXXVII is \_\_\_\_\_



## Identify and Represent

Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000.

27,135 rounded to the nearest 10 is \_\_\_\_\_

27,135 rounded to the nearest 100 is \_\_\_\_\_

27,135 rounded to the nearest 1000 is \_\_\_\_\_

27,135 rounded to the nearest 10,000 is \_\_\_\_\_

627,135 rounded to the nearest 100,000 is \_\_\_\_\_



## Compare and Order

Order and compare numbers to at least 1,000,000 and determine the value of each digit. Write in  $<$ ,  $>$  or  $=$  in the box below.

151,515  151,155

Order the following:

722,727, 77,277, 727,272, 722,772

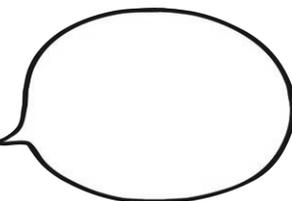
smallest			greatest



## Read and Write

Read and write numbers to at least 1,000,000 and determine the value of each digit.

261,093



Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

DCCLXXVII is \_\_\_\_\_

MMXVII is \_\_\_\_\_



## Solve Problems

Solve number and practical problems that involve all of the other objectives.

What number is added to 59,000 to total 300,000?

79,826 people attend a cup final at Wembley. The news said eighty thousand attended the match. To what number was the attendance rounded?



## Counting

Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000.

26, 36,  
46, 56

34,287,  
35,287,  
36,287

Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.

Count back 8 from 5. To what number will you count?



## Place Value

Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit.

261,093



## Identify and Represent

Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000.

Think about which digit gives the answer:

627,135 rounded to the nearest 10

627,135 rounded to the nearest 100

627,135 rounded to the nearest 1000

627,135 rounded to the nearest 10,000

627,135 rounded to the nearest 100,000



## Compare and Order

Order and compare numbers to at least 1,000,000 and determine the value of each digit.

When comparing 151,515 and 151,155, what is the value of the digit that indicates the greater number?

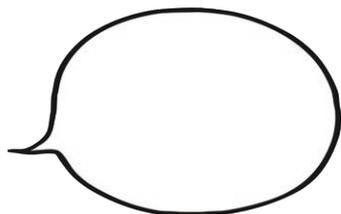


## Read and Write

Read and write numbers to at least 1,000,000 and determine the value of each digit.

Can you write this number in words?

261,093



Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

Which is the earlier year:

MDLXXXV or MCMXXIII?



## Solve Problems

Solve number and practical problems that involve all of the other objectives.

What number is added to 59,200 to total 400,000?

295,817 people attend a march in London. The news said three hundred thousand attended the match. To what number was the attendance rounded?



## Counting

Count forwards or backwards in multiples of steps of powers of 10 for any given number up to 1,000,000.

26, 56,  
86, 116

34,287,  
37,287,  
40,287

Interpret negative numbers in context, count forwards and backwards in different steps with positive and negative whole numbers, including through zero.

Count back in  
2s from 5. To  
what number  
will you count  
after 4 steps?



## Place Value

Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit;

What is the place value of each digit?

261,093

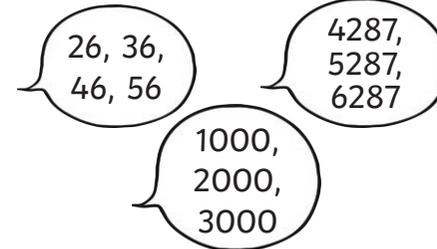
# Number and Place Value

## Answers

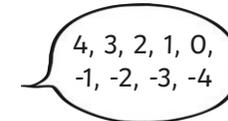


### Counting

Count forwards or backwards in steps of 10, 100 and 1000 for any given number up to 10,000.

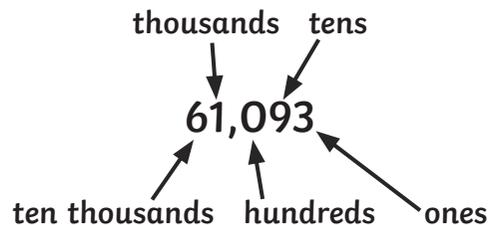


Count forwards and backwards with positive and negative whole numbers, including through zero.



### Place Value

Read, write, order and compare numbers to at least 100,000 and determine the value of each digit.



### Solve Problems

Solve number and practical problems that involve all of the other objectives.

What number is added to 5900 to total 10,000?

**4100**

9826 people attend a concert. The news said ten thousand attended the concert. To what number was the attendance rounded?

**nearest thousand or ten thousand**

## Identify and Represent

Round any number up to 100,000 to the nearest 10, 100, 1000 and 10,000.

27,135 rounded to the nearest 10 is 27,140 (5 goes up)

27,135 rounded to the nearest 100 is 27,100 (30 down)

27,135 rounded to the nearest 1000 is 27,000 (100 down)

27,135 rounded to the nearest 10,000 is 30,000 (7000 up)

## Compare and Order

Order and compare numbers to at least 10,000 and determine the value of each digit.

$$5515 > 5155$$

Order the following:  
7727, 2277, 7272, 7772

<b>2277</b>	<b>7272</b>	<b>7727</b>	<b>7772</b>
smallest			greatest

## Read and Write

Read and write numbers to at least 100,000 and determine the value of each digit.

61,093

Sixty-one  
thousand and  
ninety-three

Read Roman numerals to 1000 (M)

DCCLXXVII is 777



## Identify and Represent

Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000.

27,135 rounded to the nearest 10 is 27,140 (5 goes up)

27,135 rounded to the nearest 100 is 27,100 (30 down)

27,135 rounded to the nearest 1000 is 27,000 (100 down)

27,135 rounded to the nearest 10,000 is 30,000 (7000 up)

627,135 rounded to the nearest 100,000 is 600,000 (20,000 down)



## Compare and Order

Order and compare numbers to at least 1 000 000 and determine the value of each digit.

$$151,515 > 151,155$$

Order the following:

722,727, 77,277, 727,272, 722,772

77,277	722,727	722,772	727,272
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smallest

greatest



## Read and Write

Read and write numbers to at least 1,000,000 and determine the value of each digit.

261,093

Two hundred  
and sixty-one  
thousand and  
ninety-three

Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

DCCLXXVII is 777

MMXVII is 2017



## Solve Problems

Solve number and practical problems that involve all of the other objectives.

What number is added to 59,000 to total 300,000?

**241,000**

79,826 people attend a cup final at Wembley. The news said eighty thousand attended the match. To what number was the attendance rounded?

**nearest thousand or ten thousand**



## Counting

Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000.

26, 36,  
46, 56

34,287,  
35,287,  
36,287

Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.

Count back 8 from 5. To what number will you count?

-3



## Place Value

Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit.

hundred thousands    thousands    tens

261,093

ten thousands    hundreds    ones



## Identify and Represent

Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000.

Think about which digit gives the answer:

627,135 rounded to the nearest 10 = 627,140

627,135 rounded to the nearest 100 = 627,100

627,135 rounded to the nearest 1000 = 627,000

627,135 rounded to the nearest 10,000 = 630,000

627,135 rounded to the nearest 100,000 = 600,000



## Compare and Order

Order and compare numbers to at least 1,000,000 and determine the value of each digit.

When comparing 151,515 and 151,155, what is the value of the digit that indicates the greater number?

500



## Read and Write

Read and write numbers to at least 1,000,000 and determine the value of each digit.

Can you write this number in words?

**261,093**

Two hundred and sixty-one thousand and ninety-three

Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

Which is the earlier year:

**MDLXXXV** or MCMXXIII?



## Solve Problems

Solve number and practical problems that involve all of the other objectives.

What number is added to 59,200 to total 400,000?

**340,800**

295,817 people attend a march in London. The news said three hundred thousand attended the match. To what number was the attendance rounded?

**Ten thousand or one hundred thousand**



## Counting

Count forwards or backwards in multiples of steps of powers of 10 for any given number up to 1,000,000.

26, 56,  
86, 116

34,287,  
37,287,  
40,287

Interpret negative numbers in context, count forwards and backwards in different steps with positive and negative whole numbers, including through zero.

Count back in  
2s from 5. To  
what number  
will you count  
after 4 steps?

-3



## Place Value

Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit;

What is the place value of each digit?

hundred thousands    thousands    tens

261,093

ten thousands    hundreds    ones