

Number and Place Value



Counting

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

26, 36,
46, 56

4287,
5287,
6287

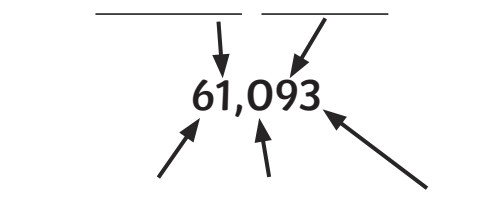
1000,
2000,
3000

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

4, 3, 2, 1, 0,
-1, -2, -3, -4

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

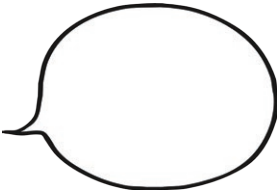
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smallest

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

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smallest

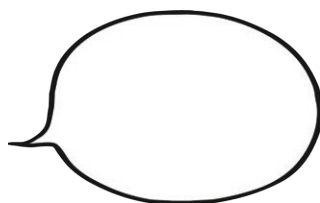
greatest



Read and Write

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

261,093



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

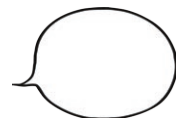
Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000.

26, 36,
46, 56

34,287,
35,287,
36,287

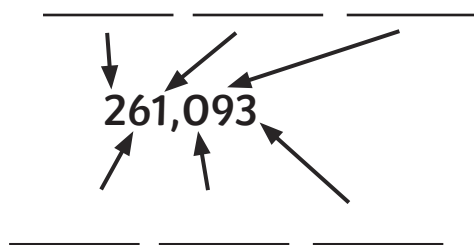
Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.

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.





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?

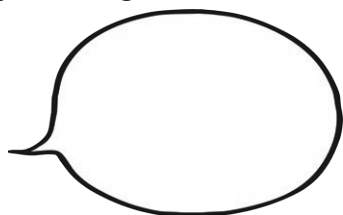


Read and Write

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.

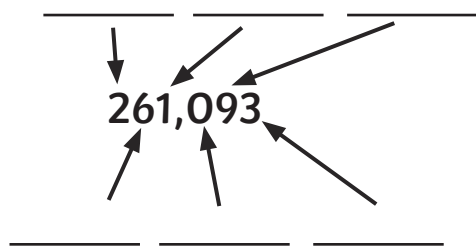
Count back in
2s from 5. To
what number
will you count
after 4 steps?



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?



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.

26, 36,
46, 56

4287,
5287,
6287

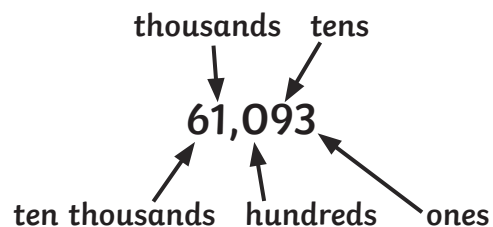
1000,
2000,
3000

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

4, 3, 2, 1, 0,
-1, -2, -3, -4

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

2277	7272	7727	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

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.

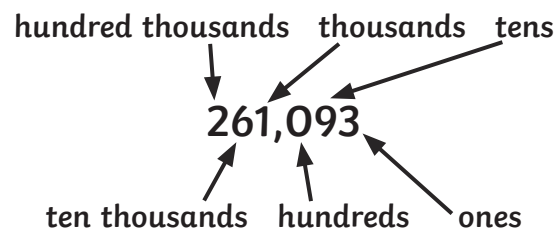
Count back 8 from
5. To what number
will you count?

-3



Place Value

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





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?

