

Number and Place Value



Counting

Count in multiples of 6, 9 and 1000

6, 12,
18, 24

9, 18,
27, 36

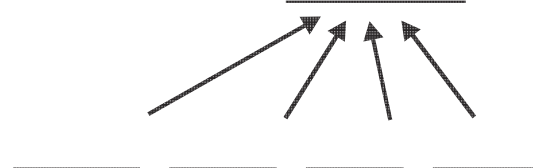
1000,
2000,
3000

Count backwards to zero

Place Value

Find 1000 more or less than a given number. Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)

1000 less than 5134 is _____



Solve Problems

Solve number and practical problems that involve all of the other objectives and with increasingly large positive numbers

London to Sheffield is 269km. How far is this rounded to the nearest 100km?

A bike lock combination uses the digits 7, 8 and 5. It is the smallest possible number. What is the number?

Identify and Represent

Identify, represent and estimate numbers using different representations

534 can be represented by

Estimate what number is shown by the arrow:



Compare and Order

Compare and order numbers to 1000. Write either $<$, $>$ or $=$ in the box below.

434 443

Order the following:

117, 71, 771, 717, 171

--	--	--	--	--

smallest

greatest

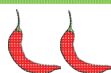
Read and Write

Read Roman numerals to 10 (I to X) and know that over time, the numeral system changed to include the concept of zero and place value

IV =

VII =

IX =



Identify and Represent

Identify, represent and estimate numbers using different representations

2534 can be represented by

Estimate what number is shown by the arrow:



Compare and Order

Compare and order numbers beyond 1000. Write either $<$, $>$ or $=$ in the box below.

1515 1155

Order the following:
722, 2277, 272, 727, 2727

smallest				greatest



Read and Write

Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value

LXIV =

XXIII =

XC =

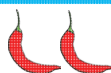


Solve Problems

Solve number and practical problems that involve all of the other objectives and with increasingly large positive numbers

London to New York is 5637km. How far is this rounded to the nearest 1000km?

A bike lock combination uses the digits 7, 8, 2 and 5. It is the smallest possible number. What is the number?



Counting

Count in multiples of 6, 7, 9, 25 and 1000

7, 14,
21, 28

9, 18,
27, 36

25, 50,
75, 100

Count backwards though zero to include negative numbers



Rounding

Round any number to the nearest 10, 100 or 1000

135 rounded to the nearest 10 is _____

2183 rounded to the nearest 100 is _____

8145 rounded to the nearest 1000 is _____



Place Value

Find 1000 more or less than a given number. Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)

1000 less than 5134 is _____

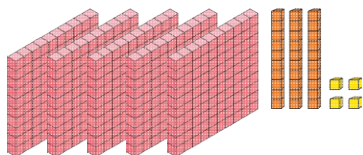




Identify and Represent

Identify, represent and estimate numbers using different representations

If each small cube represents the value 10, what is this number?



Estimate what number is shown by the arrow:



Compare and Order

Compare and order numbers beyond 1000 and explain. Write either $<$, $>$ or $=$ in the box below.

$$1555 \quad \square \quad 1515$$



Read and Write

Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value

Match the digits in 78 to the letters in its Roman equivalent



Solve Problems

Solve number and practical problems that involve all of the other objectives and with increasingly large positive numbers

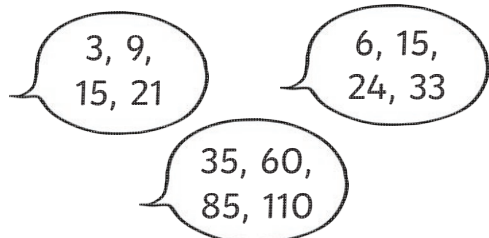
London to New York is 5637km and London to Karachi is 6377km from London. When might someone say they are the same distance apart? (Consider rounding)

You roll a die 3 times, placing each number rolled in a 3-digit number to get the largest number. Your first roll is a 5. Where will you place it and why?

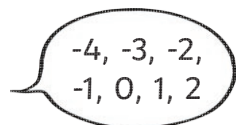


Counting

Count in multiples of 6, 7, 9, 25 and 1000 from any number



Count backwards though zero to include negative numbers and forwards from -10 through 0



Rounding

Round any number to the nearest 10, 100 or 1000

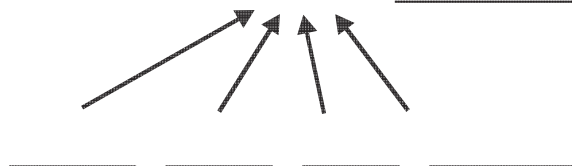
Which numbers would be rounded to 4000 when rounded to the nearest 10, the nearest 100 and the nearest 1000?



Place Value

Find 1000 more or less than a given number Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)

1000 less than 5134 is _____



Number and Place Value

Answers



Counting

Count in multiples of 6, 9 and 1000

6, 12,
18, 24

9, 18,
27, 36

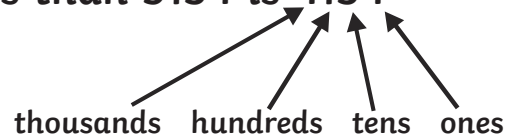
1000,
2000,
3000

Count backwards to zero

Place Value

Find 1000 more or less than a given number. Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)

1000 less than 5134 is 4134



Solve Problems

Solve number and practical problems that involve all of the other objectives and with increasingly large positive numbers

London to Sheffield is 269km. How far is this rounded to the nearest 100km?

300km

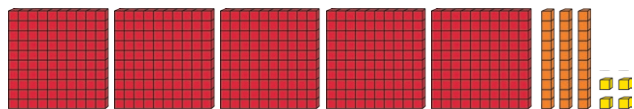
A bike lock combination uses the digits 7, 8 and 5. It is the smallest possible number. What is the number?

578

Identify and Represent

Identify, represent and estimate numbers using different representations

534 can be represented by



Estimate what number is shown by the arrow:



Compare and Order

Compare and order numbers to 1000

$$434 < 443$$

Order the following:

117, 71, 771, 717, 171

71	117	171	717	771
----	-----	-----	-----	-----

smallest

greatest

Read and Write

Read Roman numerals to 10 (I to X) and know that over time, the numeral system changed to include the concept of zero and place value

$$IV = 4$$

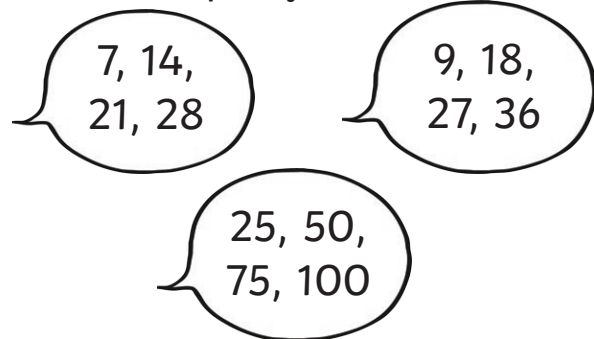
$$VII = 7$$

$$IX = 9$$



Counting

Count in multiples of 6, 7, 9, 25 and 1000



Count backwards though zero to include negative numbers



Rounding

Round any number to the nearest 10, 100 or 1000

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

2183 rounded to the nearest 100 is 2200 (80 up)

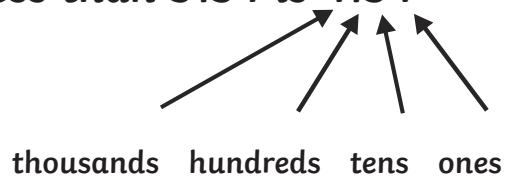
8145 rounded to the nearest 1000 is 8000 (100 down)



Place Value

Find 1000 more or less than a given number. Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)

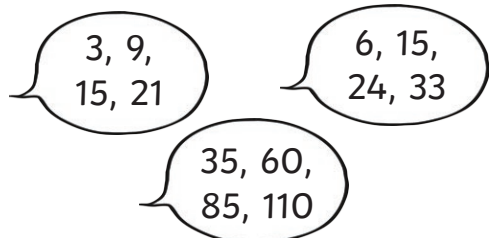
1000 less than 5134 is 4134



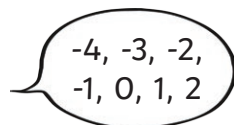


Counting

Count in multiples of 6, 7, 9, 25 and 1000 from any number



Count backwards though zero to include negative numbers and forwards from -10 through 0



Rounding

Round any number to the nearest 10, 100 or 1000

Which numbers would be rounded to 4000 when rounded to the nearest 10, the nearest 100 and the nearest 1000?

Accept any correct answer



Place Value

Find 1000 more or less than a given number Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)

1000 less than 5134 is 4134

