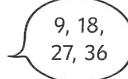


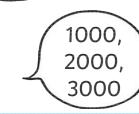
Number and Place Value



## Counting

Count in multiples of 6, 9 and 1000





Count backwards to zero

Number and Place Value

Nice and Spicy!

#### 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

Nice and Spicy!

### 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?

Nice and Spicy!



# Identify and Represent

Identify, represent and estimate numbers using different representations

534 can be represented by

Estimate what number is shown by the arrow:

500

1000

Number and Place Value

Nice and Spicy!



### 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  $\frac{1}{2}$ 

IV =

VII =

IX =

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

greatest

smallest

Number	and	Place	Value
IAMIITNEI	ullu	riuce	vulue

It's getting hot!



# Identify and Represent

Identify, represent and estimate numbers using different representations

2534 can be represented by

Estimate what number is shown by the arrow:

1000

2000

Number and Place Value

It's getting hot!



### **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 =

Number and Place Value

It's getting hot!

# 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

smalles	 t		reatest

Number and Place Value

It's getting hot!



### **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?

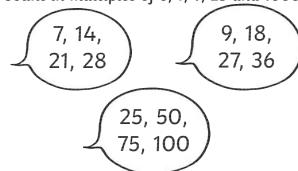
A bike lock combination uses the digits 7, 8, 2 and 5. It is the smallest possible number. What is the number?

It's getting hot!



# Counting

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



Count backwards though zero to include negative numbers

Number and Place Value

It's getting hot!



### 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



# 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 \_\_\_\_\_

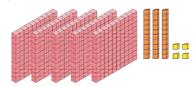
Burning up!



# **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:

1000

1500

Number and Place Value

Burning up!



### **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

Number and Place Value

Burning up!

# Compare and Order

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

1555

1515

Number and Place Value





### 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)

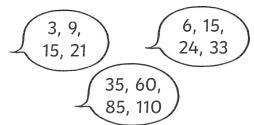
You roll a die 3 times, placing each number rolled in a 3-digit number to get the largest number. Your first roll is a 5. Where will you place it and why?

Burning up!

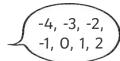


# Counting

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



Number and Place Value

Burning up!



### 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



# 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?

**Answers** 



Counting

Count in multiples of 6, 9 and 1000

6, 12, 9, 18, 27, 36

1000, 2000, 3000

Count backwards to zero

Number and Place Value

Nice and Spicy!

### 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

thousands hundreds tens ones

Number and Place Value

Nice and Spicy!

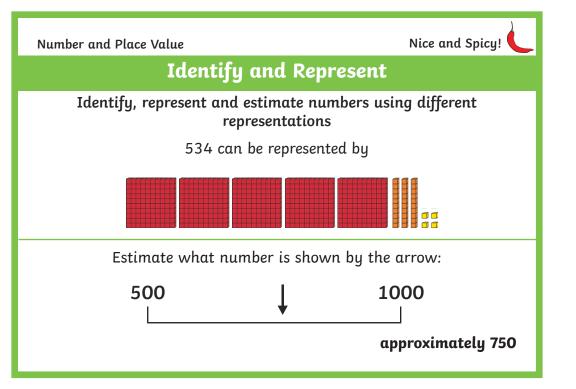
### Solve Problems

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?



Nice and Spicy!



### 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

$$VII = 7$$

$$IX = 9$$

Number and Place Value

Nice and Spicy!

# 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

It's getting hot!

# Compare and Order

Compare and order numbers beyond 1000

1515 > 1155

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

272	722	727	2277	2727
smallest			g	reatest

Number and Place Value

It's getting hot!

approximately 1500



### Read and Write

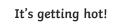
Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value

$$LXIV = 64$$

$$XXIII = 23$$

$$XC = 90$$

Number and Place Value



### **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?

6000km (+363km)

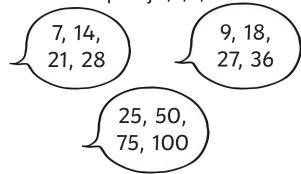
A bike lock combination uses the digits 7, 8, 2 and 5. It is the smallest possible number. What is the number?

It's getting hot!



# **Counting**

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



Count backwards though zero to include negative numbers

Number and Place Value

It's getting hot!



### 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



thousands hundreds tens ones

Number and Place Value



# 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)

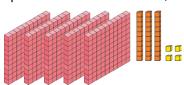
Burning up!



# Identify and Represent

Identify, represent and estimate numbers using different representations

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



5340

Estimate what number is shown by the arrow:



1500

approximately 1100

Number and Place Value

Burning up!



### 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

Number and Place Value



# Compare and Order

Compare and order numbers beyond 1000 and explain

1555 > 1515

"Both numbers have the same number of thousands and hundreds.

However, 1555 has 5 tens whereas 1515 only has 1 ten, so 1555 is greater."

Number and Place Value



### 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)

Accept any correct answer

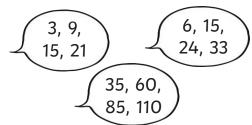
You roll a die 3 times, placing each number rolled in a 3-digit number to get the largest number. Your first roll is a 5. Where will you place it and why?

Burning up!

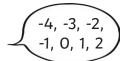


# **Counting**

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



Number and Place Value

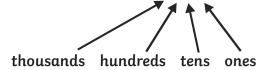
Burning up!



### 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



Number and Place Value



# 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