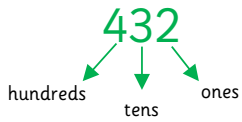
Place Value

The value of a digit, depending on its position.

For example- the numbers 432, 24, 2,004 all have the number 2 in it but the place value of 2 is different in all of them.



Digit

Any of the ten numbers:
0, 1, 2, 3 ,4, 5, 6, 7 ,8 ,9

The number 452 has three digits.

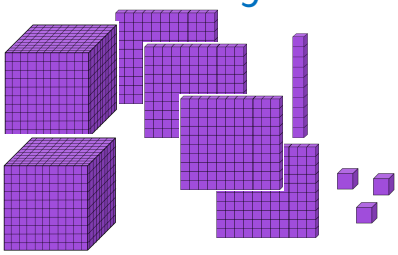
Numeral

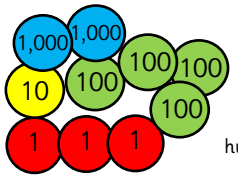
A numeral is a **symbol or name** that stands for a number.

For example: 7, ten, 15 and eleven are all numerals.

Thousands, Hundreds, Tens and Ones

A 4-digit number has thousands, hundreds, tens and ones.

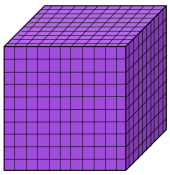


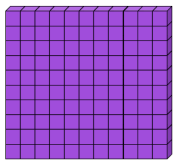


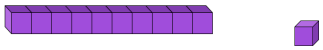
Thousands	Hundreds	Tens	Ones
2	4	1	3

Base 10

Equipment to help you see the thousands, hundreds, tens and ones in a number.







Number Track

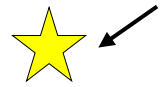
A line of numerals, normally in a pattern.

1,000	900	800	700	600	500	400	300	200	100	0

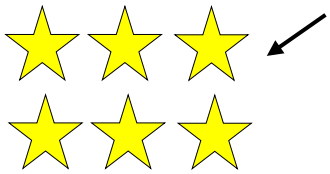
one thousand	nine hundred	eight hundred	seven hundred	six hundred	five hundred	four hundred	three hundred	two hundred	one hundred	zero

Less/ Fewer

A smaller quantity or amount.

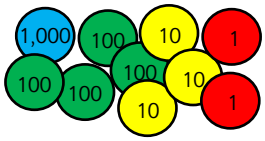


More/ Greater



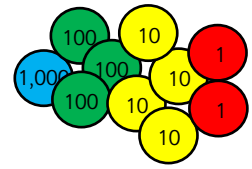
A larger quantity or amount.

Compare



1,432

Looking at the difference between numbers.
Is one greater than the other?
Are they equal to each other?
How do you know?

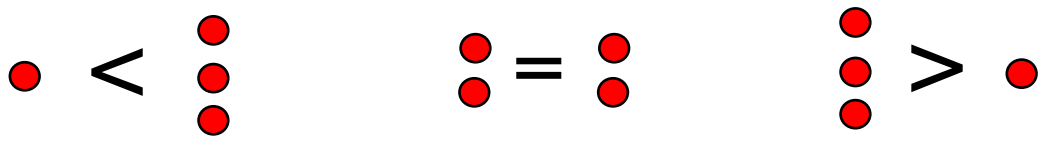


1,342

Comparison Symbols

We can use these symbols to tell us if a number is greater than or less than another number.

<	=	>
less than	equal	greater than



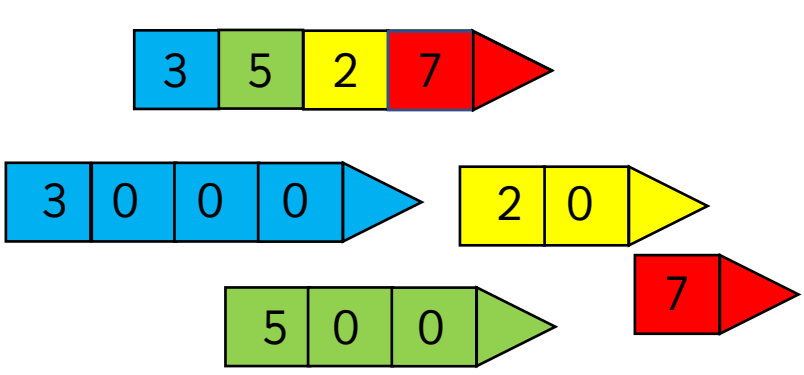
1 is less than 3

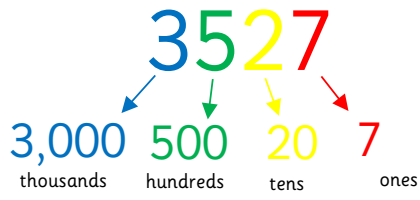
2 is equal to 2

3 is greater than 1

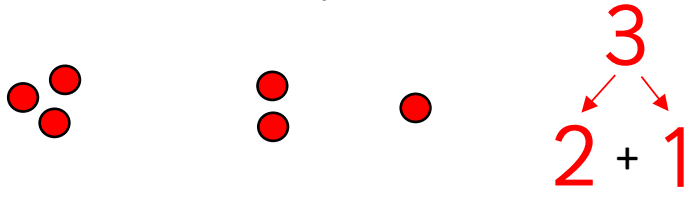
Partition

To split/ separate/ divide numbers into smaller parts.
This can make calculations easier.





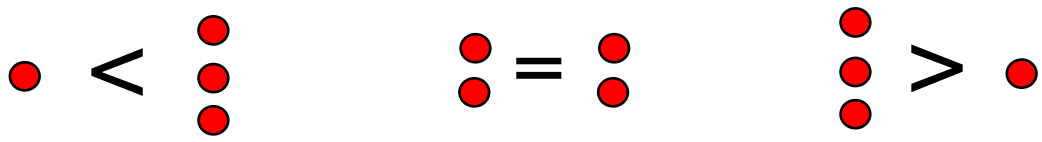
You can also partition smaller numbers.



Inequality Symbols

We can use these symbols to tell us if a number is greater than or less than another number.

<	=	>
less than	equal	greater than



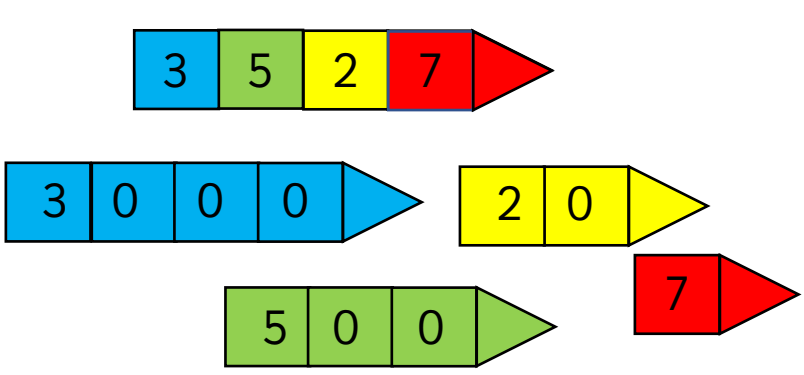
1 is less than 3

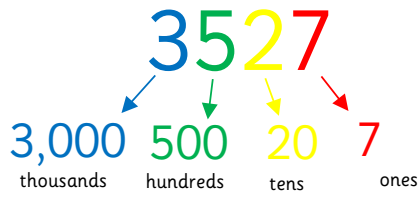
2 is equal to 2

3 is greater than 1

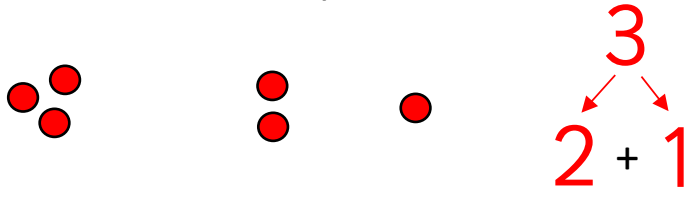
Partition

To split/ separate/ divide numbers into smaller parts.
This can make calculations easier.





You can also partition smaller numbers.



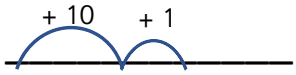
Strategy

A plan to help you get the answer.

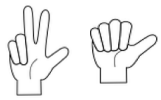
There are many strategies you can use in maths.

Partitioning

Number lines



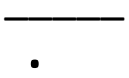
Using your fingers



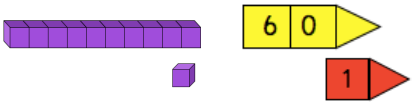
Finding a pattern

2 4 ? 8

Drawing a picture

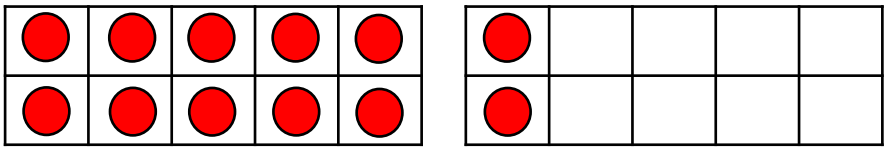


Using equipment



Ten Frames

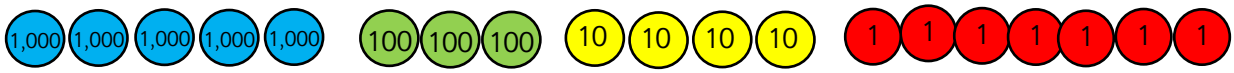
These can help us count and see the tens more easily.



Place Value Counters

Counters that can help you find the thousands, hundreds, tens and ones in a number.

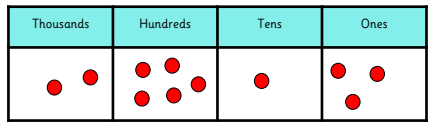
5,347 has 5 thousands, 3 hundreds, 4 tens and 7 ones.

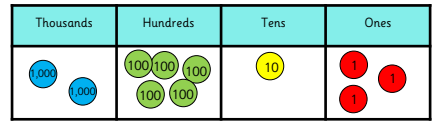


Place Value Chart

A chart or grid to show the place value of digits.

Thousands	Hundreds	Tens	Ones
2	5	1	3

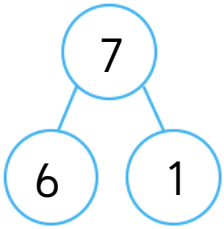


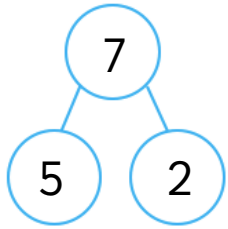


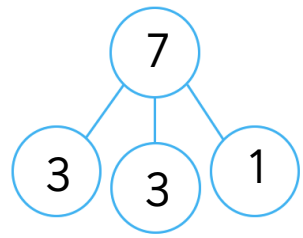
They can contain numbers, counters to represent a number, or place value counters.

Part whole

These can help us see the whole numbers split into their parts.





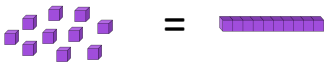


Exchange

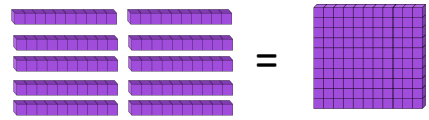
Changing one thing for another.

You can exchange:

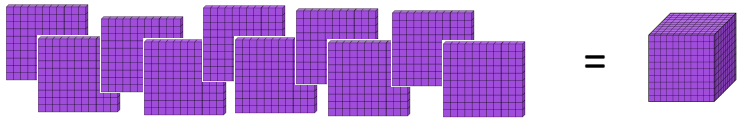
10 ones for 1 ten



10 tens for 1 hundred



10 hundreds for 1 thousand



Roman Numerals

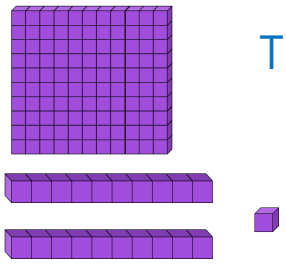
Numbers that were used in ancient Rome.

Roman numerals are based on these symbols.

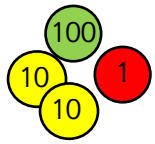
I V X L C D M

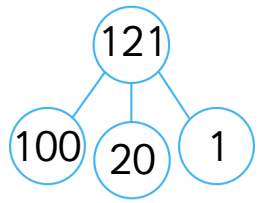
Representation

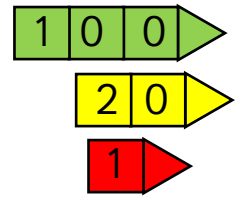
Pictorial representation- we can use pictures in maths to stand for a number.



These pictures all represent the number 121.

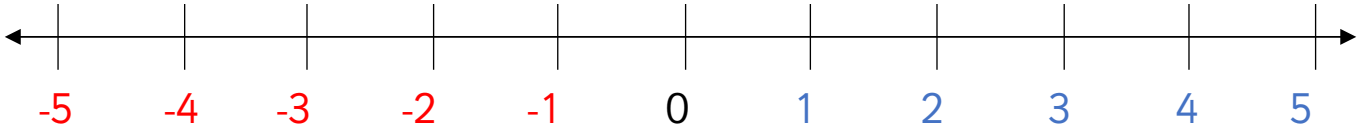




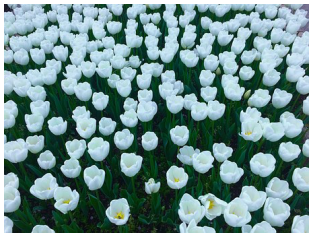


Negative Numbers

Numbers less than zero.

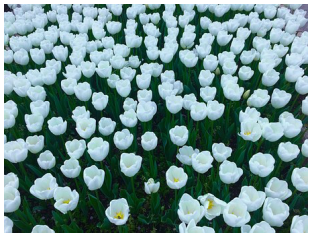


Estimate



A reasonable guess.

How many?



Rounding to 10

Making a number simpler but keeping the value close to what it was.

46 rounds up to 50 which is the nearest 10.

246 rounds up to 250 which is the nearest 10.

3,246 rounds to 3,250 which is the nearest 10.

Rounding to 100

Making a number simpler but keeping the value close to what it was.

278 rounds up to 300 which is the nearest 100. It is closer to 300 than 200.

3,278 rounds up to 3,300 which is the nearest 100. It is closer to 3,300 than 3,200.

Rounding to 1,000

Making a number simpler but keeping the value close to what it was.

4,367 rounds down to 4,000 which is the nearest 1,000. It is closer to 4,000 than 5,000.

4,867 rounds up to 5,000 which is the nearest 1,000. It is closer to 5,000 than 4,000.

Multiples

A number that can be divided by another number without a remainder.

Multiples of 5:

5 10 15 20 25 30 35 40

Year 4 – Place Value Vocabulary Assessment					
Place Value		Digit		Numerals	
Thousands, Hundreds, Tens and Ones		Base 10		Number Track	
Less / Fewer		More / Greater		Compare	
Comparison Symbols		Partition		Strategy	
Ten Frames		Place Value Counters		Place Value Chart	
Part Whole		Exchange		Roman Numerals	
Representation		Negative Numbers		Estimate	
Rounding to 10		Rounding to 100		Rounding to 1,000	
Multiples					

Year 4 – Place Value Vocabulary Assessment masterthecurriculum.co.uk					
Place Value		Digit		Numerals	
Thousands, Hundreds, Tens and Ones		Base 10		Number Track	
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Representation		Negative Numbers		Estimate	
Rounding to 10		Rounding to 100		Rounding to 1,000	
Multiples					

Place Value

The value of a digit, depending on its position.

For example- the numbers 432, 24, 2,004 all have the number 2 in it but the place value of 2 is different in all of them.

Digit

Any of the ten numbers:
0, 1, 2, 3 ,4, 5, 6, 7 ,8 ,9

The number 452 has three digits.

Numeral

A numeral is a **symbol or name** that stands for a number.

For example: 7, ten, 15 and eleven are all numerals.

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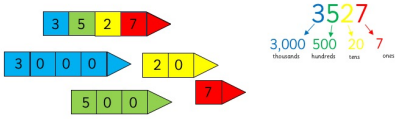
Comparison Symbols

We can use these symbols to tell us if a number is greater than or less than another number.

<	=	>
less than	equal	greater than
1 is less than 3	2 is equal to 2	3 is greater than 1

Partition

To split/ separate/ divide numbers into smaller parts.
This can make calculations easier.



You can also partition smaller numbers.

Exchange

Changing one thing for another.

10 ones for 1 ten

You can exchange:

10 tens for 1 hundred

10 hundreds for 1 thousand

Roman Numerals

Numbers that were used in ancient Rome.
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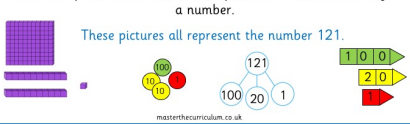
Representation

Pictorial representation- we can use pictures in maths to stand for a number.

These pictures all represent the number 121.



Thousands, Hundreds, Tens and Ones

A 4-digit number has thousands, hundreds, tens and ones.

Thousands	Hundreds	Tens	Ones
2	4	1	3

Base 10

Equipment to help you see the thousands, hundreds, tens and ones in a number.

Number Track

A line of numerals, normally in a pattern.

1,000	900	800	700	600	500	400	300	200	100	0

one thousand	nine hundred	eight hundred	seven hundred	six hundred	five hundred	four hundred	three hundred	two hundred	one hundred	zero

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Strategy

A plan to help you get the answer.

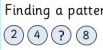
There are many strategies you can use in maths.

Partitioning

Number lines

Using your fingers

Finding a pattern

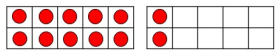


Drawing a picture

Using equipment

Ten Frames

These can help us count and see the tens more easily.



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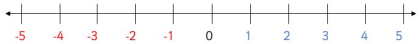
Numbers less than zero.



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3,246 rounds to 3,250 which is the nearest 10.

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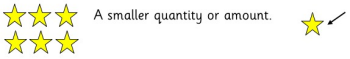
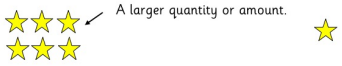
Less/ Fewer

A smaller quantity or amount.



More/ Greater

A larger quantity or amount.



Compare

Looking at the difference between numbers.
Is one greater than the other?
Are they equal to each other?
How do you know?

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Place Value Counters

Counters that can help you find the thousands, hundreds, tens and ones in a number.

5,347 has 5 thousands, 3 hundreds, 4 tens and 7 ones.

Place Value Chart

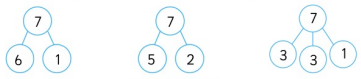
A chart or grid to show the place value of digits.

Thousands	Hundreds	Tens	Ones
2	5	1	3

They can contain numbers, counters to represent a number, or place value counters.

Part whole

These can help us see the whole numbers split into their parts.



Rounding to 100

Making a number simpler but keeping the value close to what it was.

278 rounds up to 300 which is the nearest 100. It is closer to 300 than 200.

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Multiples

A number that can be divided by another number without a remainder.

Multiples of 5:

5 10 15 20 25 30 35 40

Number – Place Value Year 4

Place Value

The value of a digit, depending on its position.

For example- the numbers 432, 24, 2,004 all have the number 2 in it but the place value of 2 is different in all of them.

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Digit

Any of the ten numbers:
0, 1, 2, 3 ,4, 5, 6, 7 ,8 ,9

The number 452 has three digits.

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Numeral

A numeral is a **symbol or name** that stands for a number.

For example: 7, ten, 15 and eleven are all numerals.

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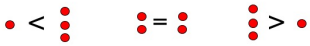
Inequality Symbols

We can use these symbols to tell us if a number is greater than or less than another number.

< less than

= equal

> greater than



1 is less than 3 | 2 is equal to 2 | 3 is greater than 1

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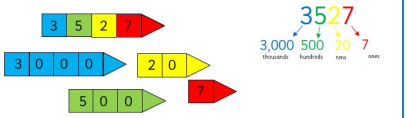
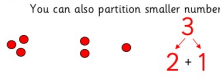
Number – Place Value Year 4

Partition

To split/ separate/ divide numbers into smaller parts.
This can make calculations easier.



You can also partition smaller numbers.



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Number – Place Value Year 4

Exchange

Changing one thing for another.

10 ones for 1 ten =

You can exchange:

10 tens for 1 hundred =

10 hundreds for 1 thousand =

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Number – Place Value Year 4

Roman Numerals

Numbers that were used in ancient Rome.
Roman numerals are based on these symbols.

I V X L C D M

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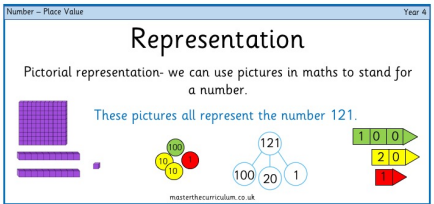
Number – Place Value Year 4

Representation

Pictorial representation- we can use pictures in maths to stand for a number.

These pictures all represent the number 121.



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Number – Place Value Year 4

Thousands, Hundreds, Tens and Ones

A 4-digit number has thousands, hundreds, tens and ones.

Thousands	Hundreds	Tens	Ones
2	4	1	3

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Number – Place Value Year 4

Base 10

Equipment to help you see the thousands, hundreds, tens and ones in a number.

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Number – Place Value Year 4

Number Track

A line of numerals, normally in a pattern.

1,000	900	800	700	600	500	400	300	200	100	0

one thousand	nine hundred	eight hundred	seven hundred	six hundred	five hundred	four hundred	three hundred	two hundred	one hundred	zero

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Number – Place Value Year 4

Strategy

A plan to help you get the answer.

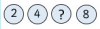
There are many strategies you can use in maths.

Partitioning

Number lines

Using your fingers

Finding a pattern



Drawing a picture

Using equipment

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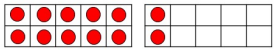
Number – Place Value Year 4

Ten Frames

These can help us count and see the tens more easily.



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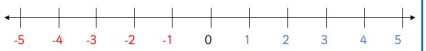
Negative Numbers

Numbers less than zero.



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Number – Place Value Year 4

Estimate

A reasonable guess.

How many?

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Number – Place Value Year 4

Rounding to 10

Making a number simpler but keeping the value close to what it was.

46 rounds up to 50 which is the nearest 10. 246 rounds up to 250 which is the nearest 10.

3,246 rounds to 3,250 which is the nearest 10.

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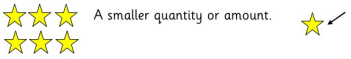
Less/ Fewer

A smaller quantity or amount.



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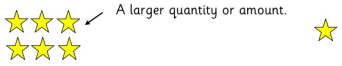
More/ Greater

A larger quantity or amount.



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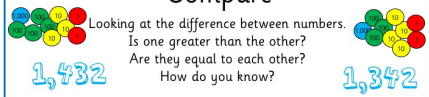
Number – Place Value Year 4

Compare

Looking at the difference between numbers.
Is one greater than the other?
Are they equal to each other?
How do you know?



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Number – Place Value Year 4

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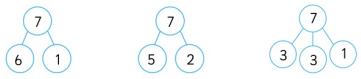

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Number – Place Value Year 4

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