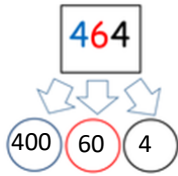
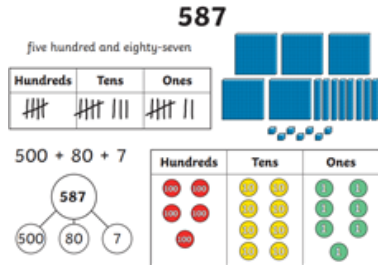
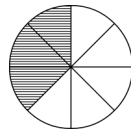


Number and Place Value

Read and write numbers up to 1000. recognise the place value of those digits and represent the numbers in a number of different ways.



Numbers will be partitioned into hundreds, tens and ones.

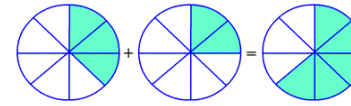


Fractions

3
—
8

Numerator
How many parts of the whole are needed?

Denominator
How many equal parts are in the

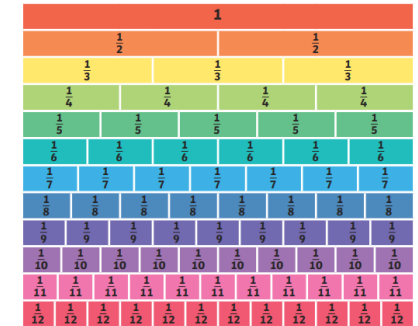


Adding fractions with the same denominators

We add the numerators but keep the denominator the same.

$$\frac{3}{8} + \frac{3}{8} = \frac{6}{8}$$

Fraction wall



Roman Numerals up to 12

1	I	one
2	II	two
3	III	three
4	IV	four
5	V	five
6	VI	six
7	VII	seven
8	VIII	eight
9	IX	nine
10	X	ten
11	XI	eleven
12	XII	twelve

Rounding to the nearest 10 and 100.

0, 1, 2, 3, 4, - stays the same
5, 6, 7, 8, 9- rounds up



Year 3 Knowledge Organiser

Geometry

Right angle

90 degrees

90°

Acute angle

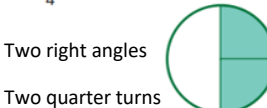
Less than 90 degrees

Obtuse angle

More than 90 degrees but less than 180 degrees



1/4 turn



1/2 turn



3/4 turn



1 turn

One right angle

One quarter turn

Two right angles

Two quarter turns

One half turn

Three right angles

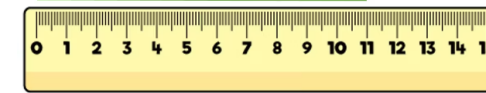
Three quarter turns

4 quarter turns

1 full turn

360 degrees

Measurement



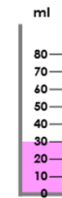
The line is 11cm long.

There are 10mm in one cm

There are 100cm in one meter .

There is 30 millilitres in the holder. There are 1000 ml in one litre.

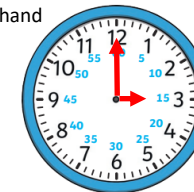
Volume and capacity is measured in millilitres and litres.



The spoon weighs 25 grams. Mass is measured in grams and kilograms. There are 1000 grams in 1 kilogram.



Minute hand—big hand
Hour hand—small hand



There are 60 seconds in one minute

There are 60 minutes in one hour

There are 24 hours in one day

There are 7 days in one week

One year has 365 and one quarter days

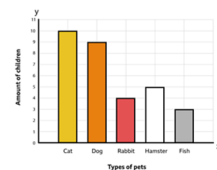
Currency and Money



Statistics

data scale
pictogram intervals
symbol table
bar chart interpret
horizontal axis
vertical axis
axes

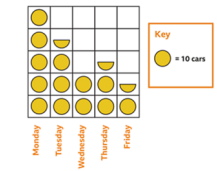
Bar Chart



Horizontal

Vertical

Pictogram



Parallel

Perpendicular

Tally table

Fruit	Children who liked this fruit (tally)	Children who liked this fruit (number)
Apples		6
Bananas		5
Strawberries		9
Grapes		4
Oranges		3

