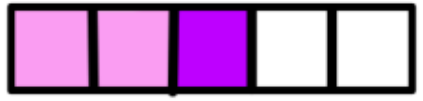
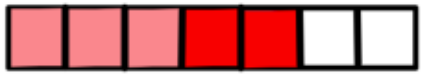
Year 3
Fractions B

Add and subtract fractions

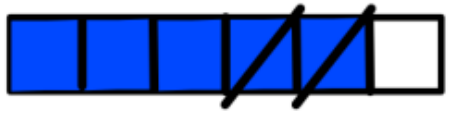
$\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$



$\frac{3}{7} + \frac{2}{7} = \frac{5}{7}$



$\frac{5}{6} - \frac{2}{6} = \frac{3}{6}$



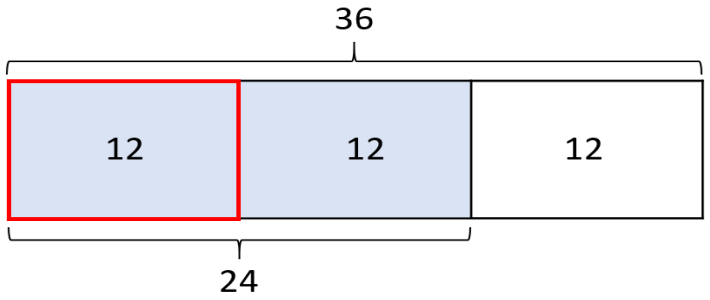
One whole

The whole is divided into 3 equal parts.

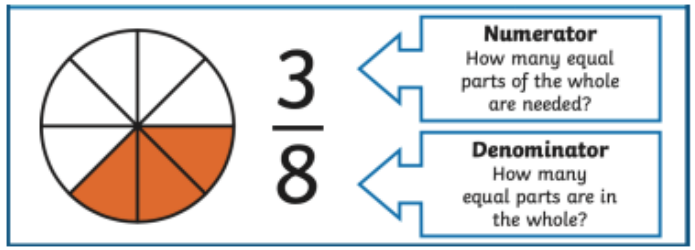
$1 = \frac{3}{3}$

When the numerator and the denominator are the same, the fraction is equal to 1 whole.

$\frac{2}{3}$ of 36 = 24



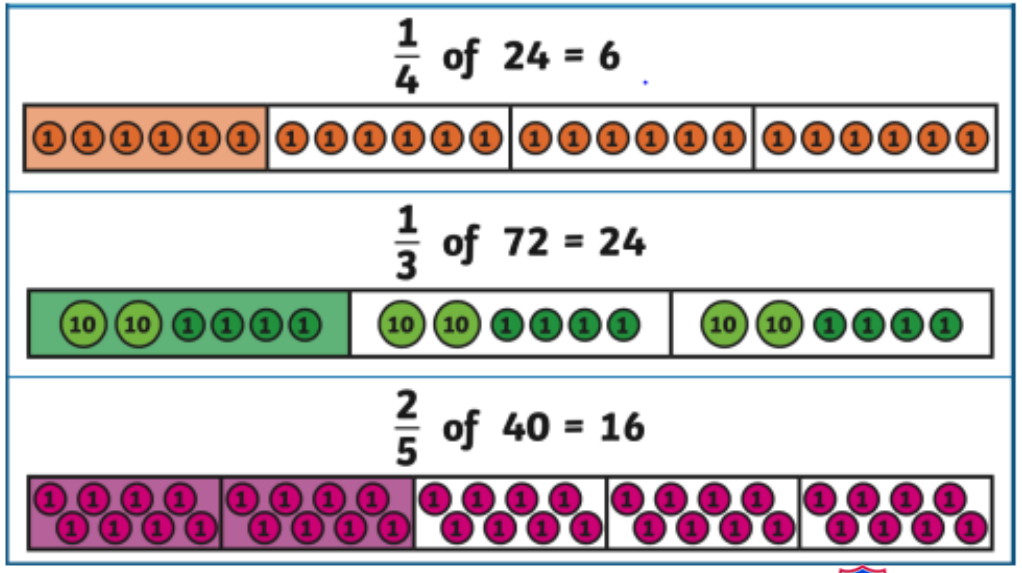
$24 \div 2 = 12$ $12 \times 3 = 36$



Vocabulary

Numerator
Denominator
Unit fraction (¼)
Non-unit fraction (¾)
Whole
Equal part
Add + subtract -
Find the difference
Partition
Half third quarter
fifth sixth tenth

Fractions of amounts



Year 3 Money

1p one penny
2p two pence
5p five pence
10p ten pence
20p twenty pence
50p fifty pence
£1 one pound
£2 two pounds

£5
five pound note

£10
ten pound note

£20
twenty pound note

£50
fifty pound note

Pounds and pence

£3 and 25 pence

£52 and 13 pence

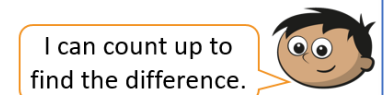
120 pence
100 pence is £1
120 pence is £1 and 20 pence.

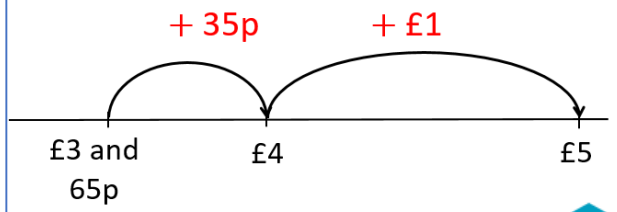
Adding money

?	
£1 and 60p	

£1 and 60p + £1 and 52p
There is £2 and 112p.
112p is £1 and 12p
Altogether there is £3 and 12p.

£5 – £3 and 65p





Subtracting money

The difference is £1 and 35p

Vocabulary

Pounds £
pence p
value
altogether
convert
subtract
change
exchange

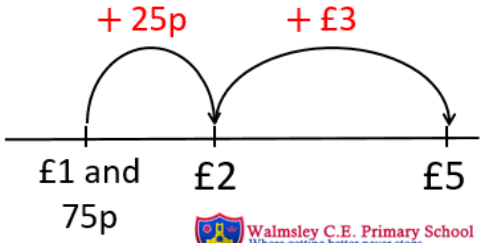
Giving change

a)

£3 change

£5 – £2 = £3

b)

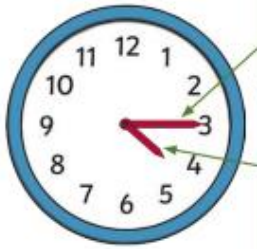


£3 and 25p change

Walmsley C.E. Primary School
Where getting better never stops

Year 3
Time

Analogue and digital clocks



Minute Hand
The long hand points to the minutes past or the minutes to the hour.

Hour Hand
The short hand points to the hour. If this hand is pointing between hours, it is either past the earlier hour or to the later hour.

12:00 — twelve o'clock

12:15 — quarter past twelve

12:30 — half past twelve

12:45 — quarter to one

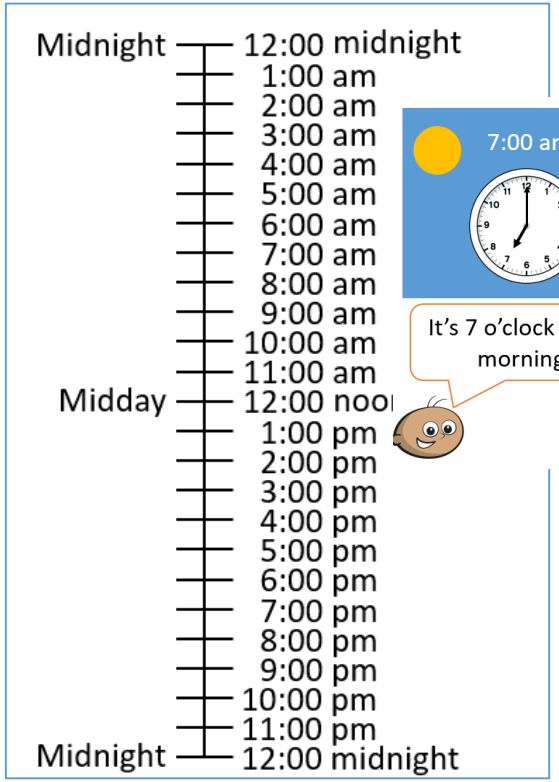
2. Roman Numerals

I	1	VII	7
II	2	VIII	8
III	3	IX	9
IV	4	X	10
V	5	XI	11
VI	6	XII	12

1) There are 60 seconds in a minute.
2) There are 60 minutes in an hour.
3) There are 24 hours in a day.
4) There are 7 days in a week.

Find durations of time

20 minutes has passed.



It's 7 o'clock in the morning.

No, it's 7 o'clock in the evening.

Month	Number of days
January	31
February	28 or 29
March	31
April	30
May	31
June	30
July	31
August	31
September	30
October	31
November	30
December	31

30 days has September,
April, June and November,
All the rest have 31
Except February, 28 days here
Or 29 in each leap year.

Walmsley C.E. Primary School
Where getting better never stops

Vocabulary

roman numerals
minute hand
hour hand
past the hour
to the hour
am pm
morning afternoon
year month day
January.....December
calendar
week
leap year
hour minute
second
duration
analogue
digital
clockwise
anti-clockwise
quickest
slowest

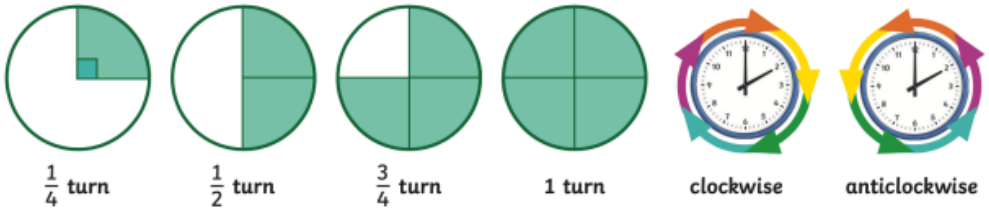
There are **24 hours** in a day.

Year 3
Properties of shape

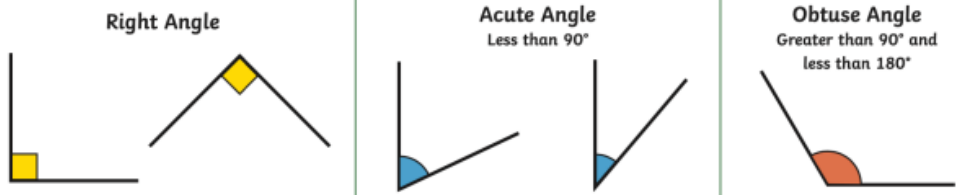
Walmsley C.E. Primary School
Where getting better never stops

Turns and angles

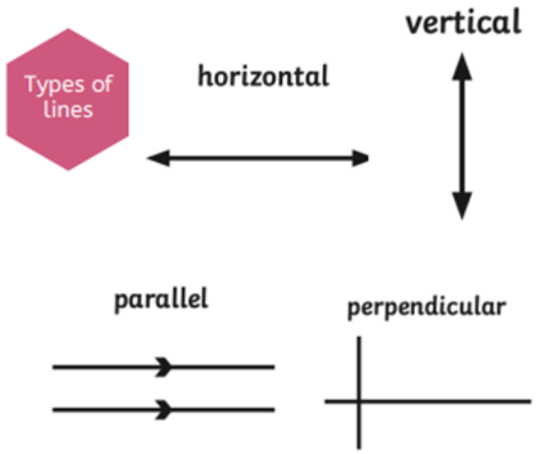
Angles can be used as a description of a turn.

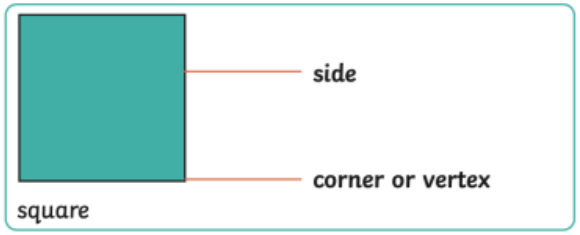


An angle is created when two straight lines meet at a point or intersect.

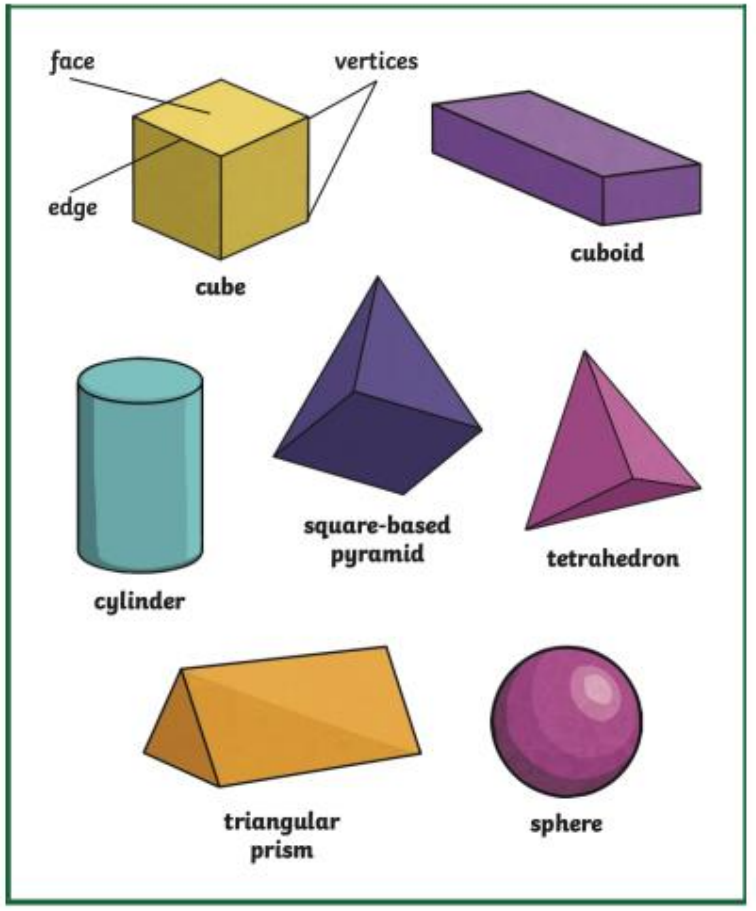


Types of lines





Describe 3d shapes

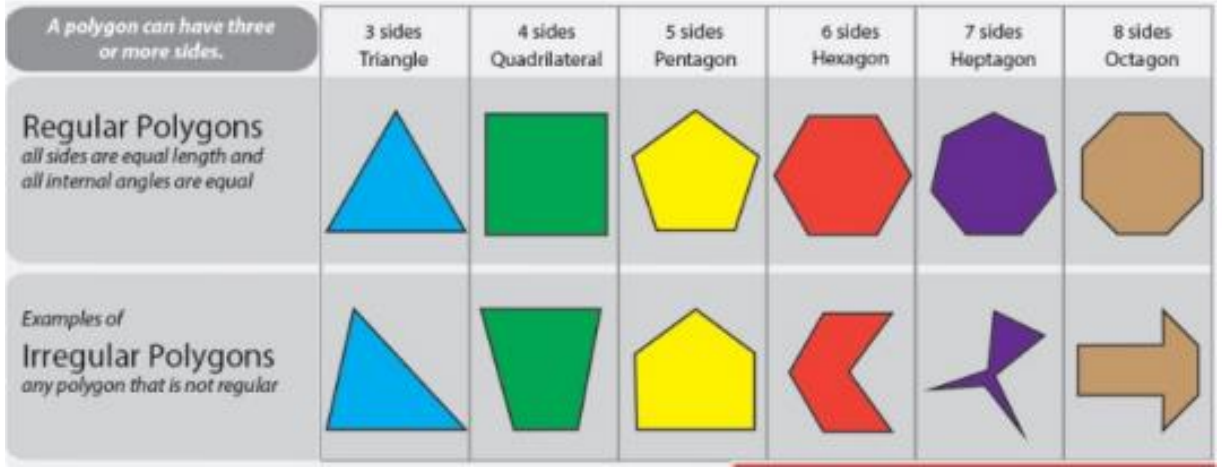


2d shapes

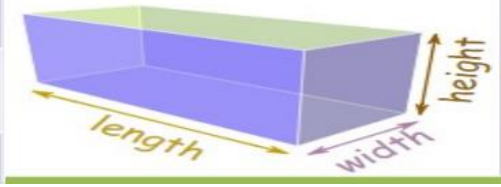
Regular – A regular polygon is any polygon that has all its sides and angles the same. A square is a regular quadrilateral.

Irregular – Irregular polygons do not have all their sides the same length. They have different size angles.

Regular	Irregular
	



Three – Dimensional



Having three dimensions (such as height, width and depth), like any object in the real world.

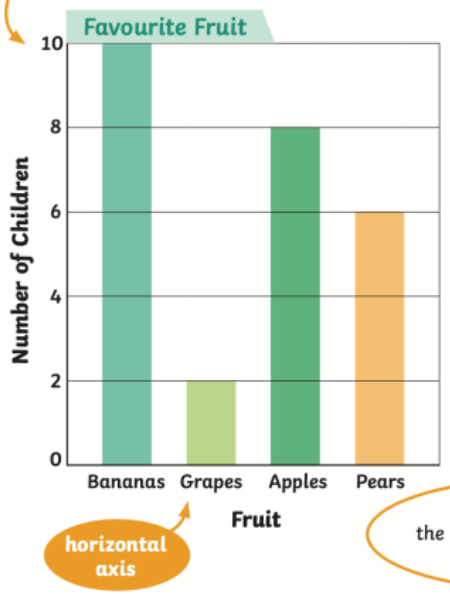
Year 3
Statistics

Bar charts

Bars are used to show the data in each category. There must be a gap between each bar. Bar charts can have different scales.

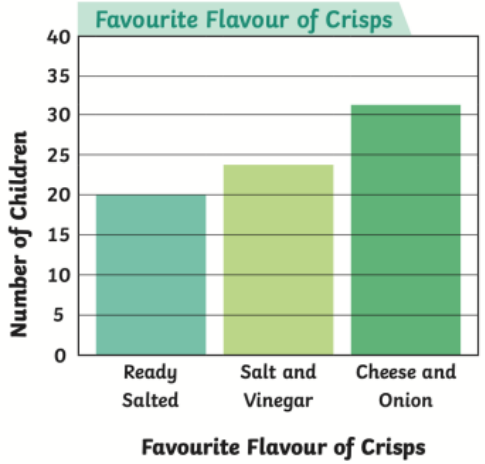
vertical axis

The scale on this bar chart counts in twos.



horizontal axis

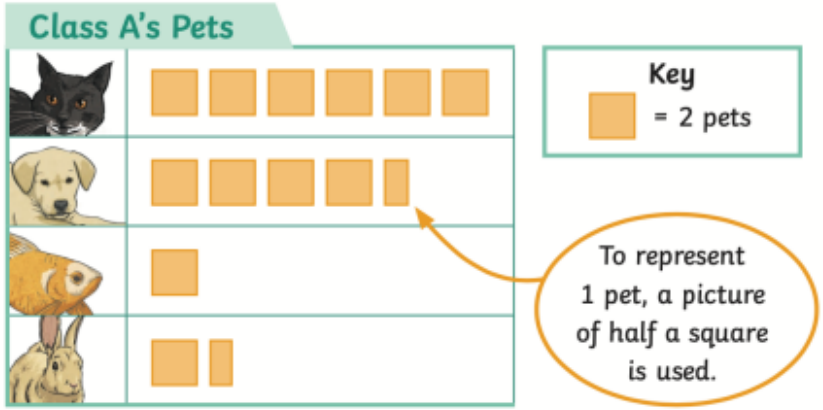
The scale on this bar chart counts in fives.



The scale on the bar chart depends on the range of the data.

Pictograms

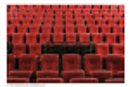
Pictograms use pictures or symbols to represent data. The key shows what each symbol represents. This pictogram uses 1 symbol to represent 2 pets.



Vocabulary

bar chart
pictogram
symbol
represent
how many
more than
key
axis
data
row
column

Tables



ROWS

Columns

title

Table to Show Ticket Prices at a Local Cinema

heading

Ticket Type	Weekday Price	Weekend Price
Adult	£6	£7.50
Child	£4	£4.50
Student	£5.50	£6

information

Using the table, we can see the cost of an adult and a child visiting the cinema on a Monday would be £10.

Day	Dogs seen
Monday	2
Tuesday	1
Wednesday	3
Thursday	1
Friday	4

Key = 10 dogs

3 × 10 = 30

How many dogs were seen on Wednesday?

30 dogs

Walmsley C.E. Primary School
Where getting better never stops