Year 4 Term 6

Place Value / Addition

1s	$\frac{1}{10}$s	$\frac{1}{100}$s

Exchange 1 tenth for 10 hundredths

$$1.24 + 1.38 = 2.62$$

Regroup the 12 hundredths into 1 tenth and 2 hundredths

Subtraction

1s	$\frac{1}{10}$s	$\frac{1}{100}$s

$$2.\overset{3}{4}\overset{1}{3} - 1.25 = 1.18$$

Mental calculations

$0.54 + 0.32 = ?$

If I know $54 + 32 = 86$ then I know
54 hundredths + 32 hundredths = 86 hundredths
so …
$0.54 + 0.32 = 0.86$

$0.9 - 0.4 = ?$

If I know $9 - 4 = 5$ then I know
9 tenths – 4 tenths = 5 tenths
so …
$0.9 - 0.4 = 0.5$

I can calculate these mentally!

regroup exchange ones tenths hundredths

Time
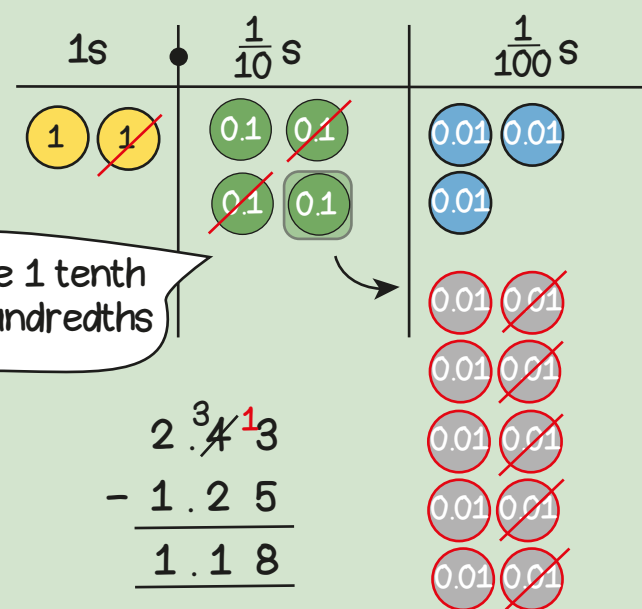
10 to 3 in the morning
2:50 a.m.
02:50
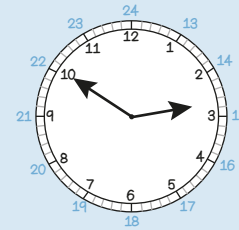
10 to 3 in the afternoon
2:50 p.m.
14:50

24 hour digital convert
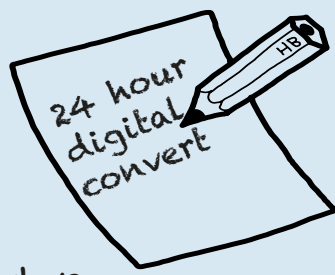
1 hour = 60 minutes
so 4 hours = 240 minutes

0	60	120		240	300			480		600
0	1	2	3	4	5	6	7	8	9	10
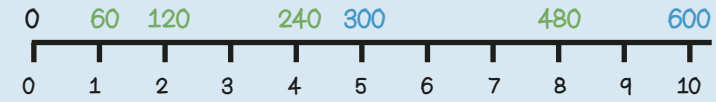
1 year = 52 weeks
so 5 years = 260 weeks

0	52	104		208	260			416		520
0	1	2	3	4	5	6	7	8	9	10
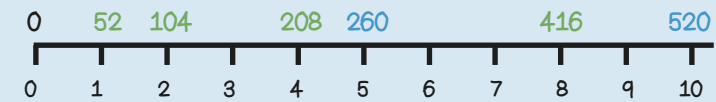
1 week = 7 days
so 4 weeks = 4 x 7 = 28 days

Measures

1 kilometre = 1000 metres
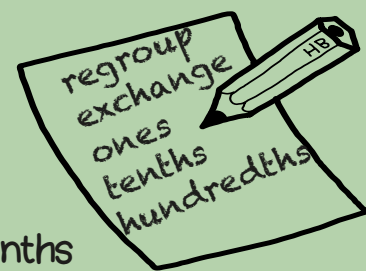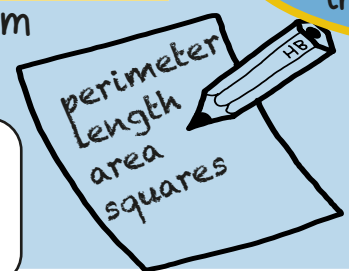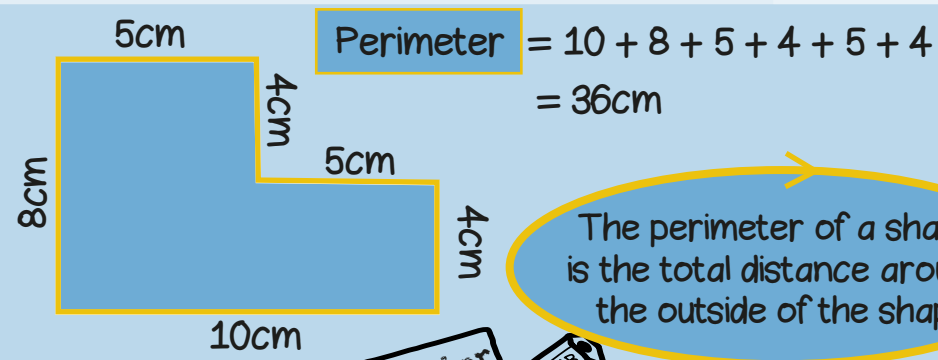1 kilogram = 1000 grams
1 litre = 1000 millilitres

0	1000	2000	3000	4000	5000
0	1	2	3	4	5

Perimeter and Area

Perimeter = 10 + 8 + 5 + 4 + 5 + 4
= 36cm

5cm, 4cm, 5cm, 8cm, 4cm, 10cm

The perimeter of a shape is the total distance around the outside of the shape

perimeter length area squares

Area = 20 squares

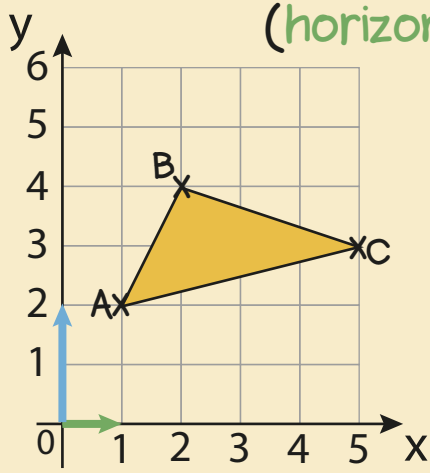| 1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

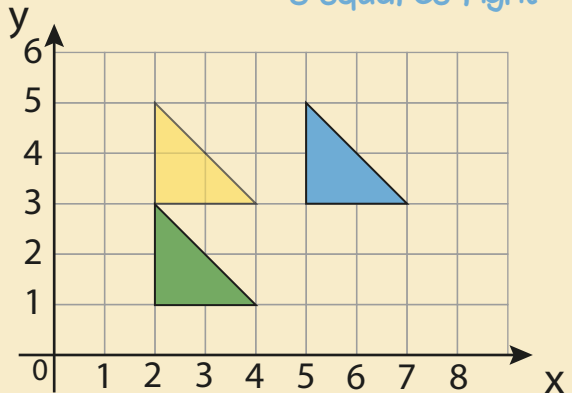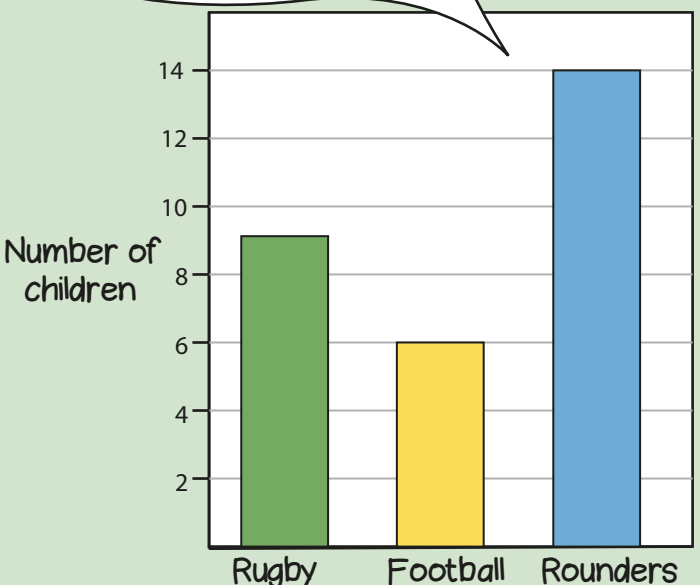The area of a shape is the amount of space inside a shape.

Coordinates
(horizontal, vertical)

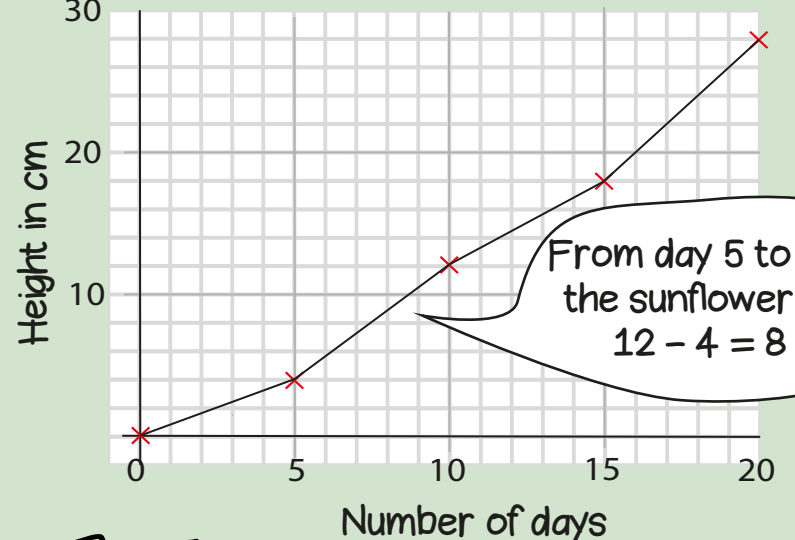The coordinates of the points are:
A = (1, 2)
B = (2, 4)
C = (5, 3)

Translate the triangle
2 squares up and
3 squares right

coordinates axes plot translate

Bar chart / Statistics

14 – 9 = 5
so 5 more children like rounders than rugby

Number of children

Rugby, Football, Rounders

Sports

bar chart graph axes scale

Graph to show growth of a sunflower

Height in cm

Number of days

From day 5 to day 10 the sunflower grows
12 – 4 = 8 cm