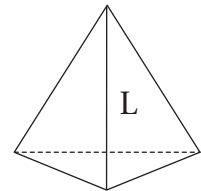
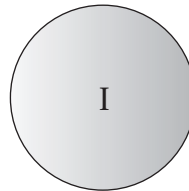
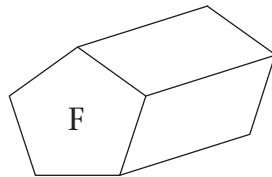
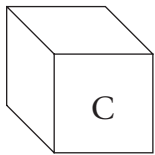
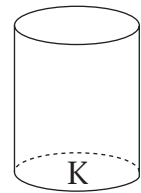
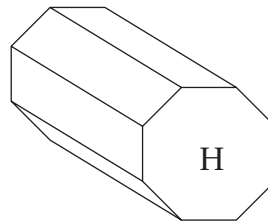
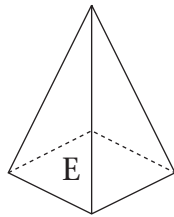
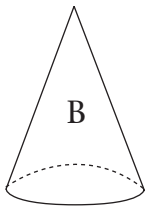
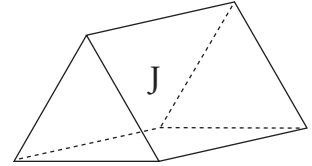
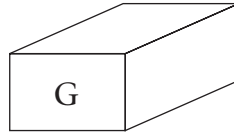
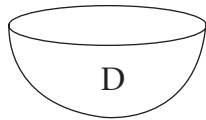
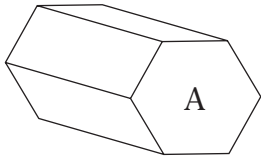


Sheet 8

Three-dimensional Shapes



1 Write each of the letters A-L by the name of the correct shape.

- ...B... cone hemisphere sphere
- cube hexagonal prism square based pyramid
- cuboid octagonal prism tetrahedron
- cylinder pentagonal prism triangular prism

2 Write the letters of all the shapes with:

- a) 8 or more vertices (corners)
- b) the same cross section throughout their length
- c) triangular faces
- d) 6 or less edges
- e) curved faces
- f) 12 edges
- g) no vertices.

Sheet 9 Presenting Data

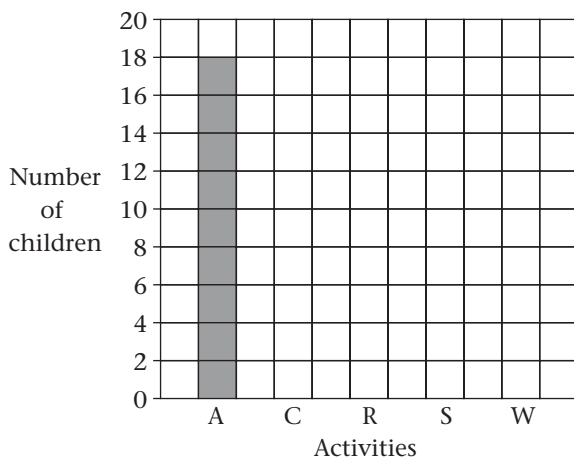
1 At an activity centre Year 4 enjoyed Archery, Canoeing, Rock climbing, Sailing and Walking. At the end of the week they were asked to choose their favourite activity. These are the results.

S R C A A S W R S A S W
 A C R W S A C S A S C R
 R S A R S S A A C W R A
 C A W S R A S C W A A R
 S A R S A C W A C R A S

a) Complete the tally chart.

Activity	Tally	Total
Archery		18
Canoeing		
Rock climb		
Sailing		
Walking		
Number of children		<u>60</u>

b) Complete the bar chart.



2 Before the start of the football season, the 50 children in a football club were asked to guess who would win the Premiership. All the children chose either Arsenal, Chelsea, Liverpool, Manchester United or Newcastle. These are the results.

M A L N M A M L C M
 N L M A C M N M L A
 L M N M A L M A N L
 M A L M N L C L A M
 A N C M L A L M M N

a) Complete the tally chart.

Club	Tally	Total
Arsenal		10
Chelsea		
Liverpool		
Man U		
Newcastle		
Number of children		<u>50</u>

b) Check that the totals add up to 50.

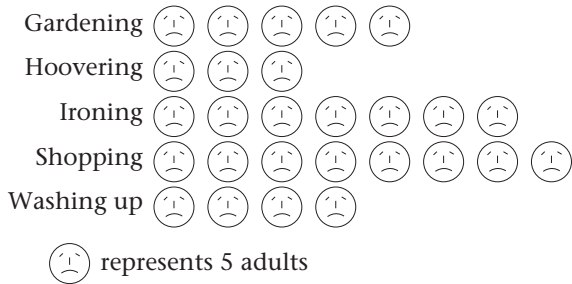
c) Complete the pictogram.

- Arsenal
- Chelsea
- Liverpool
- Man U
- Newcastle

represents 2 children.

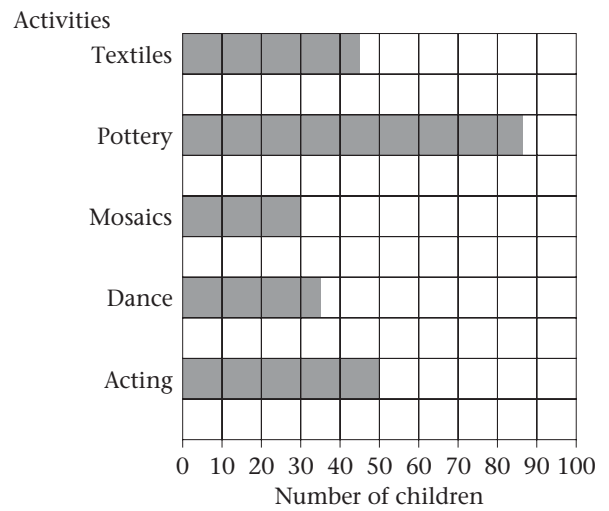
Sheet 10 Interpreting Data

1 Some adults were asked which household job they enjoyed doing most. These are the results.



- Which was the most popular job?
.....
- Which was the least popular job?
.....
- How many people chose washing up?
.....
- How many people chose ironing?
.....
- How many more people chose gardening than hoovering?
.....
- How many fewer people chose washing up than shopping?
.....
- How many people took part in the survey?
.....

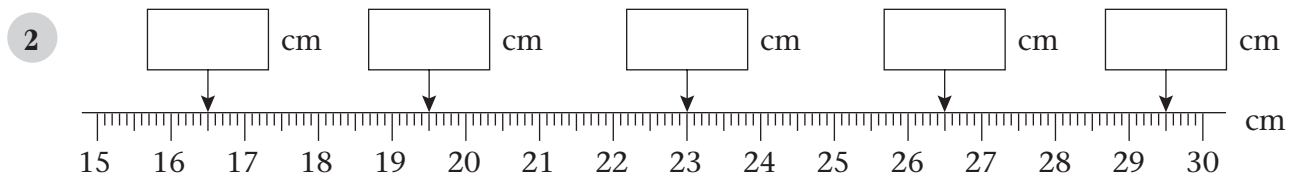
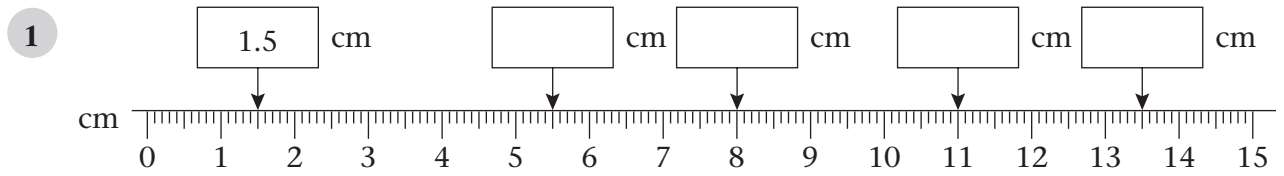
2 During its Arts Week a school ran workshops in acting, dance, mosaics, pottery and textiles. The children were asked to choose one activity. These are the results.



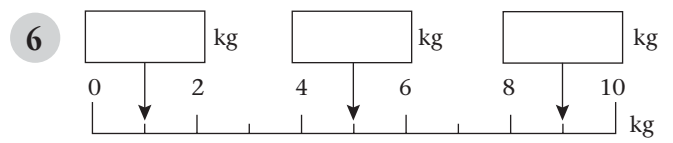
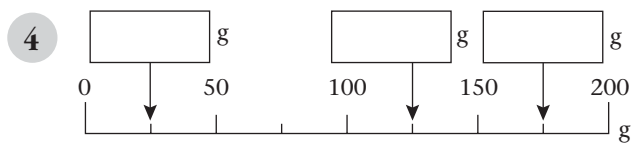
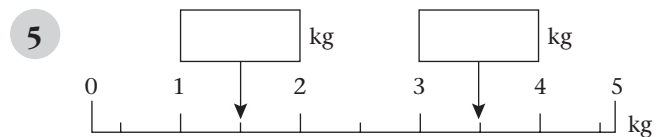
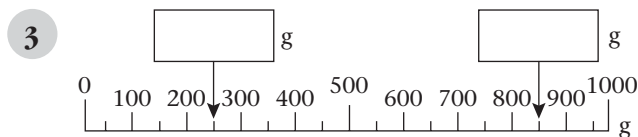
- Which was the most popular activity?
- Which was the least popular activity?
- How many children chose:
 - acting
 - dance
 - mosaics?
- How many children are there in the school?
- How many more children chose textiles than mosaics?
- How many fewer children chose acting than pottery?
- Which activity would you have chosen?

Sheet 11 Reading Scales

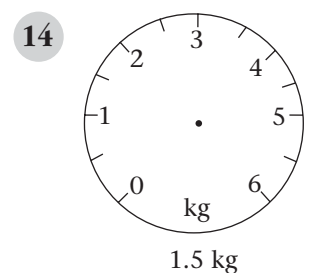
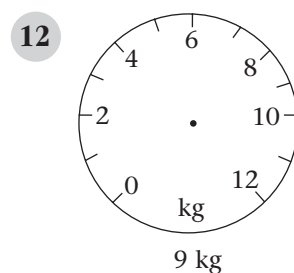
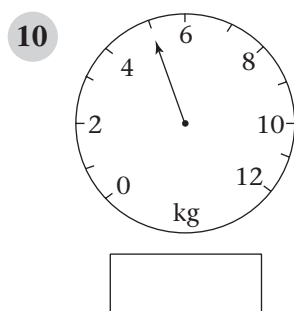
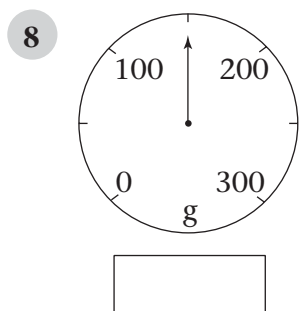
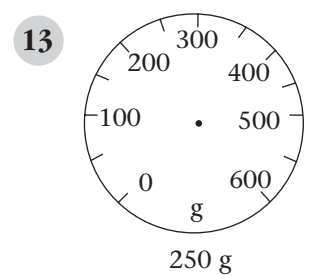
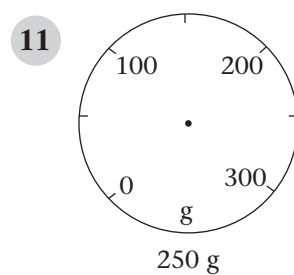
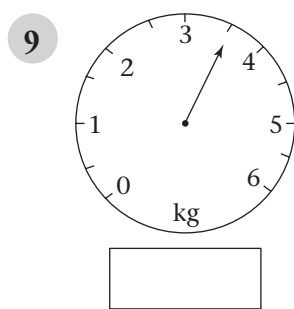
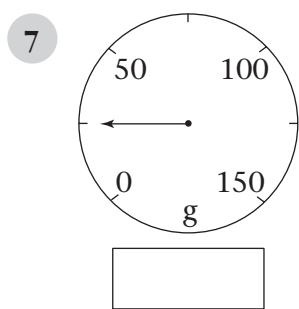
Read the measurements shown on each ruler.



Write the measurement shown in the box.



Write the measurement shown.



Sheet 12

Metric Units of Weight

Examples

$1000 \text{ g} = 1 \text{ kg}$

$500 \text{ g} = \frac{1}{2} \text{ kg} = 0.5 \text{ kg}$

Write the missing number in the box.

1 $3\frac{1}{2} \text{ kg} = \boxed{} \text{ g}$

5 $5\frac{1}{2} \text{ kg} = \boxed{} \text{ g}$

2 $1\frac{1}{2} \text{ kg} = \boxed{} \text{ g}$

6 $7 \text{ kg} = \boxed{} \text{ g}$

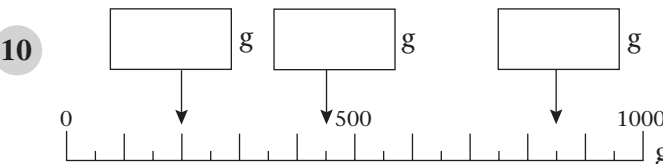
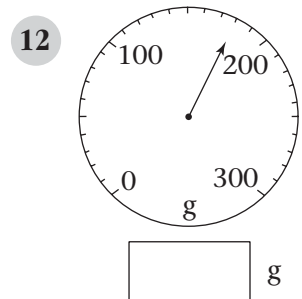
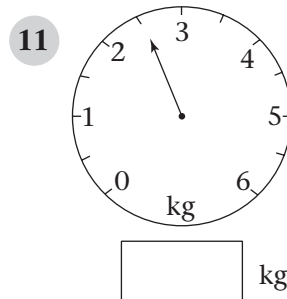
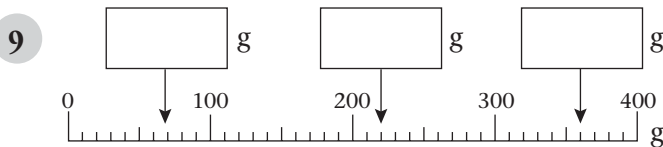
3 $500 \text{ g} = \boxed{} \text{ kg}$

7 $2000 \text{ g} = \boxed{} \text{ kg}$

4 $4500 \text{ g} = \boxed{} \text{ kg}$

8 $8500 \text{ g} = \boxed{} \text{ kg}$

Write the measurement in the box.



- 13 There are 20 chocolates in a half kilogram box.
What is the weight of one chocolate?

$\boxed{} \text{ g}$

- 14 The apples in a bag weigh 2 kg. 600 g are eaten.
What is the weight of the apples that are left?

$\boxed{} \text{ kg}$ $\boxed{} \text{ g}$

- 15 A can of soup weighs 350 g.
What do 10 cans weigh?

$\boxed{} \text{ kg}$

- 16 A parcel weighs one and a half kilograms.
A second parcel weighs 200 g more.
What is the combined weight of the parcels?

$\boxed{} \text{ kg}$ $\boxed{} \text{ g}$