National 3 - Revision for Shape, Space & Measure

You may use a calculator

Time

1. Convert the following times to 24 hour time :-
   a 6.50 am **b** 8.15 pm **c** 10.30 pm

2. Convert the following times to 12 hour time :-
   a 1425 **b** 0840 **c** 2345

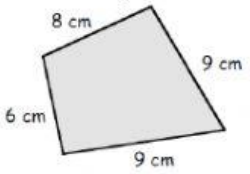
3. Bob got on a train at 8.15am and arrived at 11.05am.
   How long did the journey take?

4. An aeroplane took off at 1142 and arrived at 1837.
   How long was the flight?

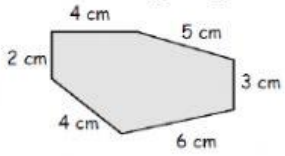
Perimeter

5. Calculate the perimeter of each of the following shapes :-

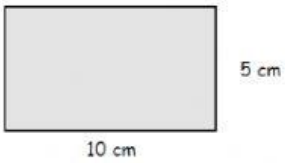
a



b



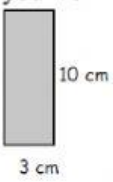
c



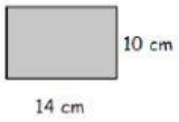
Area

6. Use your formula to calculate the areas of each of the following :-

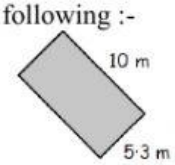
a



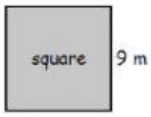
b



c



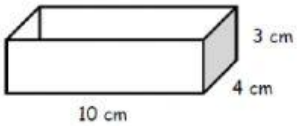
d



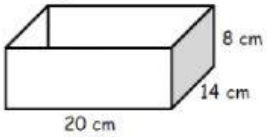
Volume

7. Use the formula to calculate the volume of the following cuboids :-

a



b

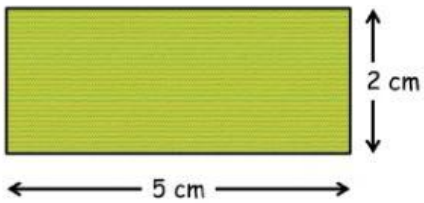


LIVEWORKSHEETS

Scale

8. A field has been drawn using a scale of 1 cm = 7m.

The diagram is shown.



a Calculate the real length of the field.

b Calculate the real width of the width.

9. The map shows a group of islands drawn using a scale of 1 cm = 10 km.

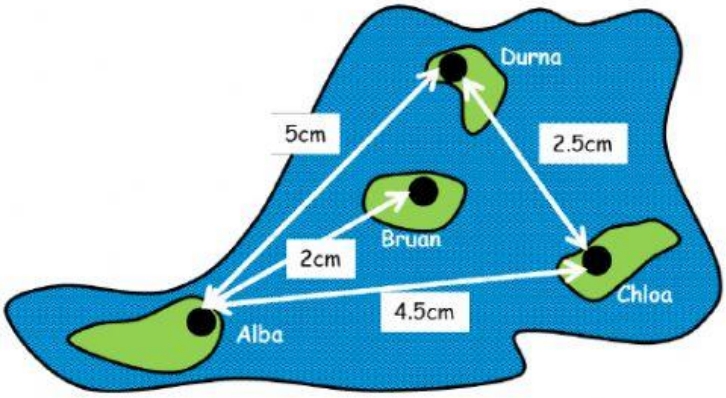
Calculate the distance from :-

a Alba to Bruan

b Durna to Chloa

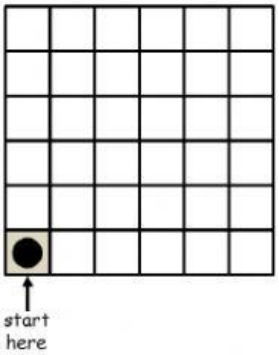
c Durna to Alba

d Chloa to Alba



10. Draw the path through the maze following these instructions :-

Go North 4 boxes
Go East 2 boxes
Go South 3 boxes
Go East 3 boxes
Go North 2 boxes
Go West 1 box
Go North 2 boxes and then step out of the maze



Type a zero, 0, in the boxes to show the route

LIVEWORKSHEETS

Sequences

1.

No. of spiders (S)	1	2	3	4	5	6
No. of legs (L)	8					

2. Complete the table showing the number of wheels.

No. of trucks (T)	1	2	3	4	5	6
No. of wheels (W)	6					

3. Complete the table showing the number of legs.

No. of starfish (S)	1	2	3	4	5	6
No. of legs (L)	5					

LIVEWORKSHEETS