

This digital clock display is 20 minutes slow. What is the correct time? Show your answer in two ways.

1 Digital Clock

2



12 Hour Clock

Bus departure times are shown below. Write each time as a 24 hour clock time.

12 Hour Clock	24 Hour Clock
3 7.40am	
4 11.20am	
5 3.30pm	
6 7.50pm	
7 10.10pm	

8 How many minutes in $1\frac{3}{4}$ hours?

Ans _____ min

9 How many hours in $2\frac{1}{2}$ days?

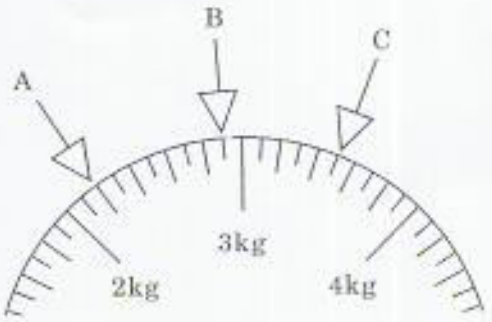
Ans _____ hours

10 How long does it take to boil an egg? Circle one answer.

1 hour 4 min 48min 15sec 120min

11 Approximately how long should it take to walk 1 kilometre? Circle one answer.

3min 5min 12min 50min $1\frac{1}{4}$ hours



The diagram shows part of the scale on a weighing machine. What weight is shown at points A, B and C?

12 A _____ kg _____ g

13 B _____ kg _____ g

14 C _____ kg _____ g

15 What is the difference in grams from point A to point C?

Ans _____ g

Complete the following.

16 650g + ☐ g = 1kg

17 2kg - 1kg 600g = ☐ g

18 1100g + ☐ g = 1.5kg

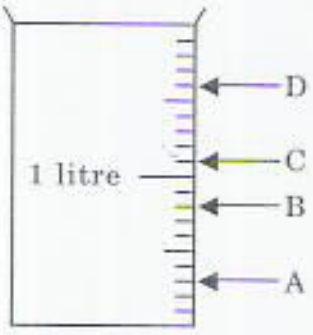
In the following questions circle the most sensible weight.

19 A new born baby would weigh -

3kg 30g 50kg 400g 1000g

20 An orange would weigh -

1kg 2kg 10g 200g 800g



This container holds 2 litres of water. How much water would be in the container at each level?

21 Level A _____ ml

22 Level B _____ ml

23 Level C _____ ml

24 Level D _____ ml

25 If the container had water up to level C how much more water would be needed to fill it?

Ans _____ ml

How many millilitres in-

26 $\frac{1}{4}$ litre _____ ml

27 2.3 litres _____ ml

28 4 litres 250ml _____ ml

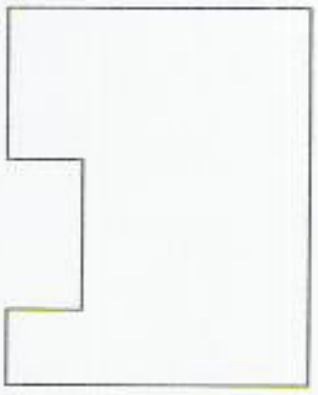
Choose one amount to complete each statement. Circle your answer.

29 An egg cup would hold -

1 litre 5ml 50ml 100ml 200ml

30 The petrol tank of a motorbike would hold -

12 litres 110 litres 1500ml 35000ml

31 

Use a ruler to find the perimeter of this shape.

Ans _____ cm

32 Which has the bigger perimeter? Tick one box.

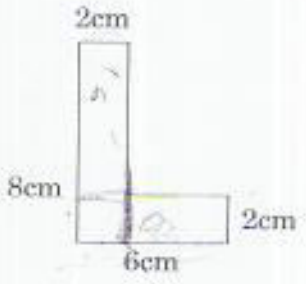
A square with an area of 81cm². ☐

A rectangle with sides of 10cm and 4cm. ☐

Calculate the area of these shapes. (The shapes are not drawn to scale)

33 

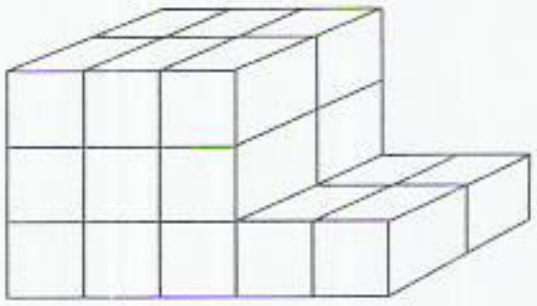
Ans _____ cm²

34 

Ans _____ cm²

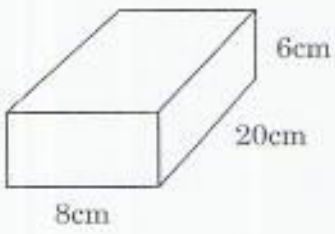
35 The area of a room is 54m². If the room is 9m long, how wide is it?

Ans _____ m



36 How many cuboids make up this solid shape?

Ans _____ cuboids



37 What is the volume of this block of wood?

Ans _____ cm^3

38 The volume of a shoe box is 2400cm^3. If the box is 20cm long and 12cm wide what height is it?

Ans _____ cm

Each line below is drawn to a different scale. Measure each line to the nearest cm and use the scale to find the true length each time.

39 _____

Scale 1cm to 10cm

True Length (_____) cm

40 _____

Scale 1cm to 30cm

True Length (_____) cm

41 _____

Scale 1cm to 2m

True Length (_____) m

42 _____

Scale 1cm to 5km

True Length (_____) km

43 _____

Scale 1cm to 20km

True Length (_____) km



This is the ground floor plan of a house. The plan is drawn to a scale of 1cm to 2 metres. Measure the rooms to the nearest cm and work out the true length and breadth of -

44 The Hall _____ m and _____ m

45 The Living Room _____ m and _____ m

46 The Kitchen _____ m and _____ m

Measure these angles

47



Ans _____ °

48



Ans _____ °

Circle one answer in each of the following.

49 The petrol tank of a car holds 10 gallons. Approximately how many litres is this?

10 25 45 60 100

50 Potatoes are sold in 3kg bags. What is the approximate weight in pounds?

2 6.5 10 12.5 15

TEST TWO

1 1m 30cm = (_____) cm

2 2156 millilitres = (_____) litres

3 3 hours 12 min = (_____) min

4 A $\frac{3}{4}$ turn = (_____) degrees

5 A square has sides each measuring 8.5cm. What is the perimeter of the square?

Ans _____ cm

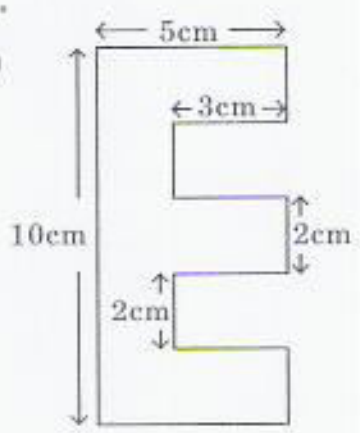
6 A regular hexagon has sides each measuring 4.1 cm. What is the perimeter of the hexagon?

Ans _____ cm

7 What is the name given to the distance around the outside of a circle?

Ans _____

8



What is the perimeter of this "E" shape?

Ans _____ cm

9 What is the area of a rectangular swimming pool which has a long side of 7m and a short side of 4m?

Ans _____ m^2