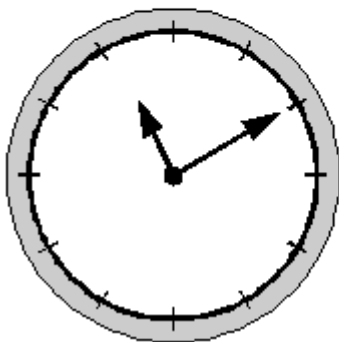
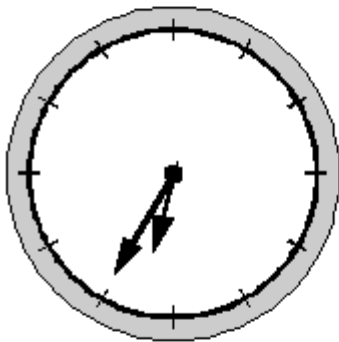


Year 3 Measurement

Q1. Here are three clock faces.

Match each clock face to the same time on a digital clock.

Q1



11:10

2:55

1:40

8:10

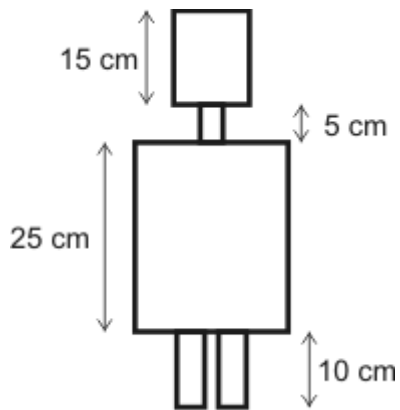
6:35

7:35

2 marks

Q2. Jake makes a robot using boxes.

How tall is Jake's robot?

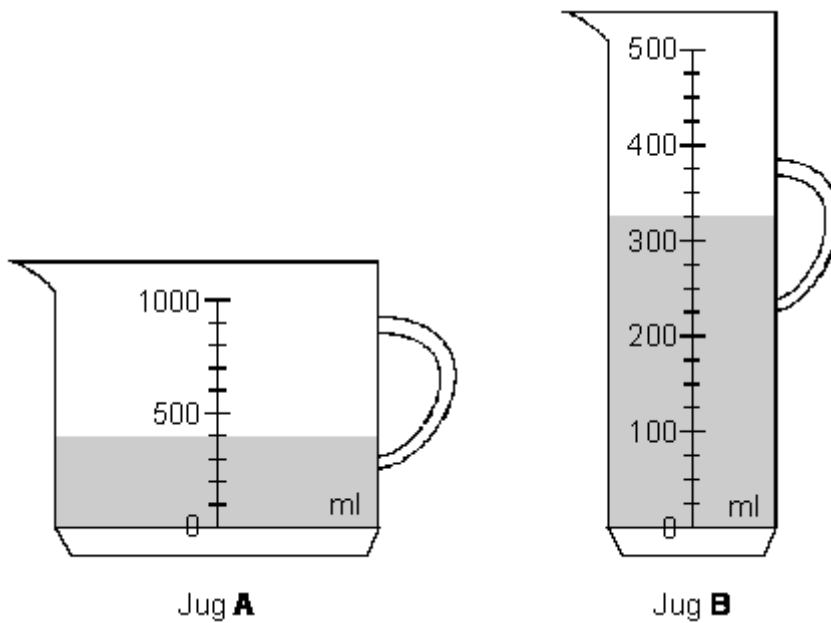


cm

1 mark

Q3. Measuring jugs

The diagram shows the volume of water in two measuring jugs.



Which jug contains **more** water?

Tick (✓) A or B.



A



B

How much more does it contain?

Show your working.



2 marks

Q4. Look at the table.

| Food | Mass |
|--------|------|
| Apple | 150g |
| Banana | 210g |
| Potato | 250g |
| Carrot | 90g |

Write in the missing numbers.

g

The potato is heavier than the carrot.

g

Together, the apple and banana weigh .

2 marks

Q5. A shop sells candles.



plain candles
35p each



star candles
60p each



stripe candles
85p each

Sapna buys **4** star candles and **2** stripe candles.

How much does she pay **altogether**?




Show
your **working**.
You may get
a mark

2 marks



Josh buys **10** plain candles in the special offer.

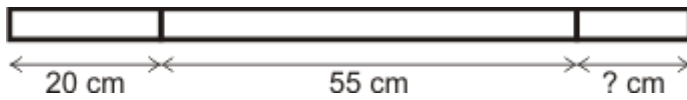
How much does he pay for the 10 candles?



1 mark

Q6. Jude has a stick measuring 90 cm.

He cuts it into three pieces, as shown.



How long is the last piece?

| | |
|--|----|
| | cm |
|--|----|

1 mark

Q7. These are the times letters are collected from a post box.

| Monday to Friday | Saturday | Sunday |
|-------------------------|-----------------|------------------|
| 8am 2pm 6:30pm | 11:30am | no collection |



What is the **latest** time letters are collected on **Wednesday**?

| | |
|--|--|
| | |
|--|--|

1 mark

Carla posts a letter at **9 am on Monday**.

How **long** will it be before it is collected?



hours

1 mark

Gareth posts a letter on **Saturday at 3pm**.

When is it collected from the post box?


 day time

1 mark

Q8. These are the prices in a shoe shop.



boots
£45.50




sandals
£12.75



trainers
£34.99

How much **more** do the boots cost than the trainers?



ml

1 mark

Rosie buys a pair of trainers and a pair of sandals.

How much change she gets from **£50**?



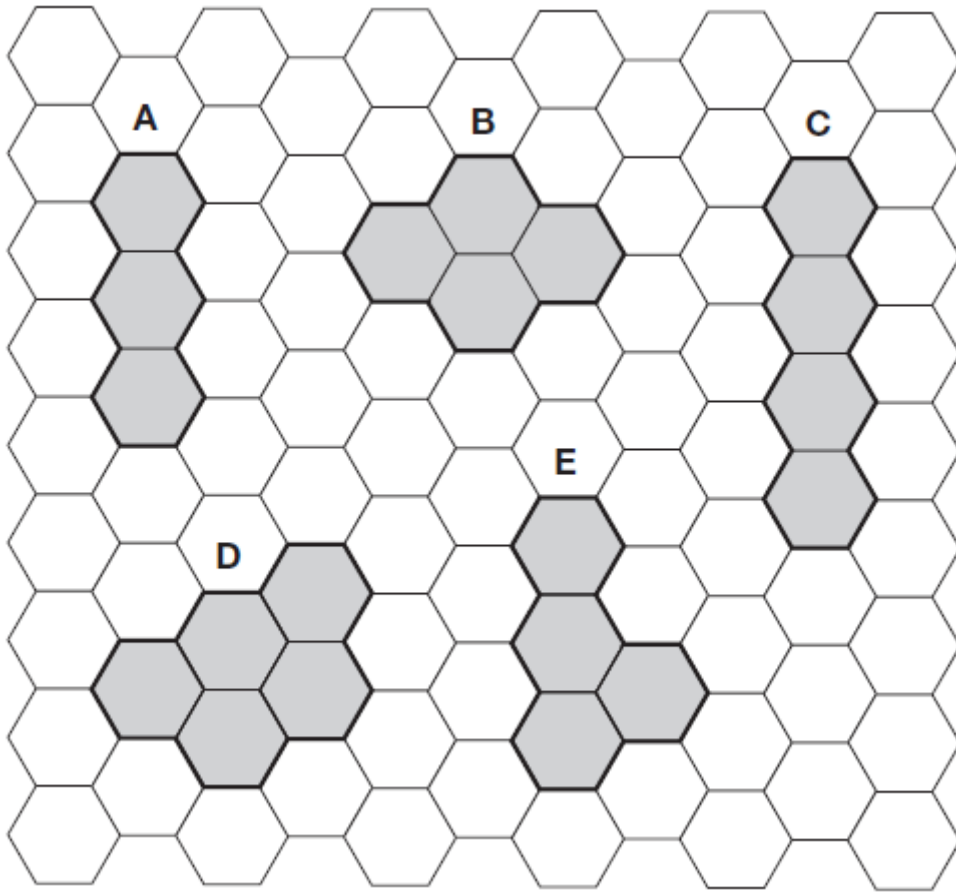
Show
your **working**.
You may get
a mark

| | |
|--|--|
| | |
|--|--|

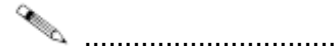
£

2 marks

Q9. Here are five shapes on a regular grid.



Which shape has the longest **perimeter**?



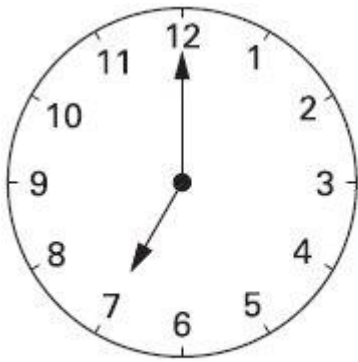
1 mark

Which shape has only one **line of symmetry**?

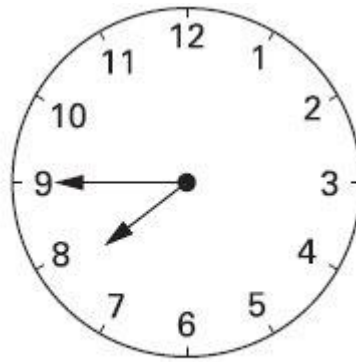


1 mark

Q10. These clocks show the **start** and **finish** times of a TV programme.



start



finish

For how many minutes does the programme last?

minutes

1 mark

Q11. These are the start and finish times on a video cassette recorder.

START 14:45

FINISH 17:25

For how long was the video recording?


hours minutes

1 mark

Q12. Put these times in order, starting with the shortest.

5 minutes 20 seconds 100 seconds

1 minute



shortest

1 mark

Q13. The time is

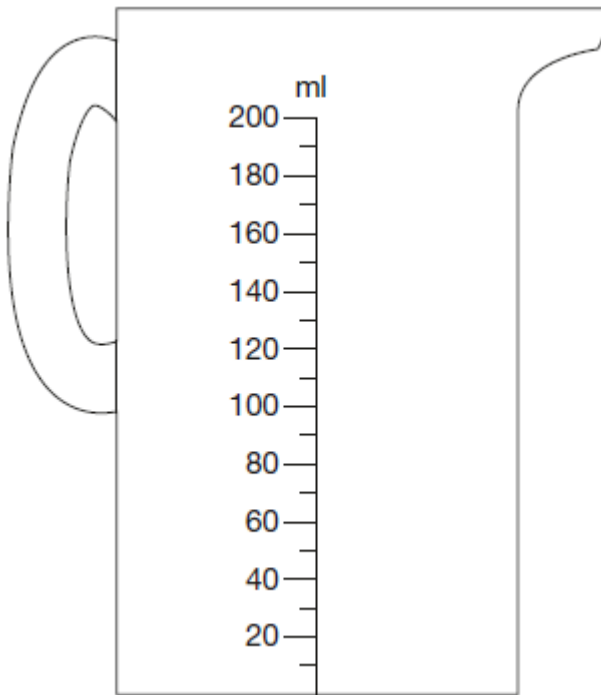
John has to be ready for school in half an hour.

Tick (✓) the time when he has to be ready.

1 mark

Q14. Chen pours 165 millilitres of milk into a measuring jug.

Draw an arrow on the jug to show the level of the milk.



1 mark

Q15. Circle the time that is 30 minutes **before** midnight.



12:30 am

12:30 pm

11:30 am

11:30 pm

3 am

1 mark


Q16.



Holly takes **half an hour** to walk from home to school.

She arrives at school at 8:25am.

At what time did she leave home?

 am


1 mark



Dev leaves school at half past three.

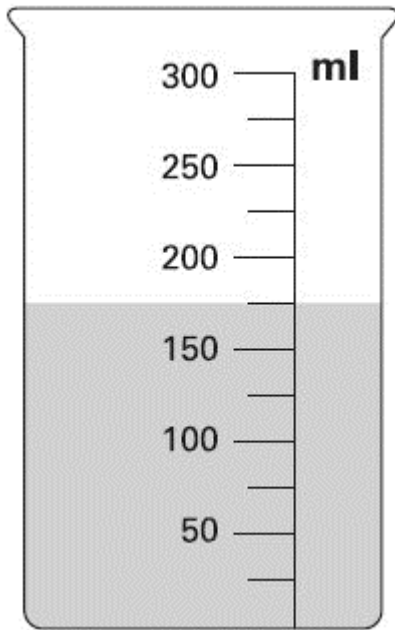
He arrives home at ten past four.

How many minutes did it take him to get home?

 minutes

1 mark

Q17. David puts this amount of water in a container.



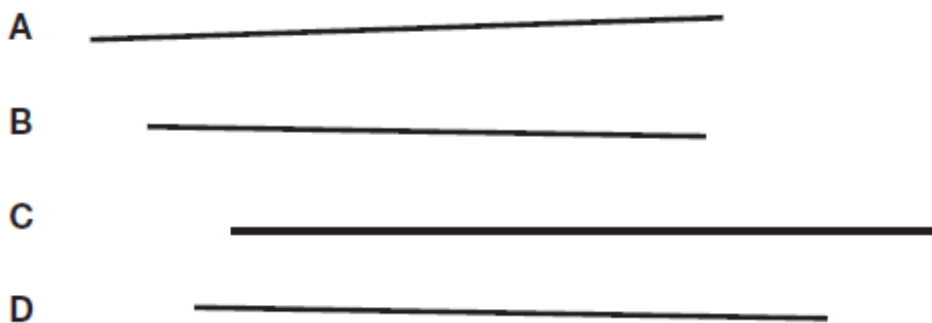
Then he pours **50 millilitres** of the water out.

How much water is left in the container?


ml

1 mark

Q18. Here are four lines: A, B, C and D.



Which two lines have a total length of 18cm?

 and

1 mark

Draw a straight line that is 3 centimetres longer than line **B**.

Use a ruler.



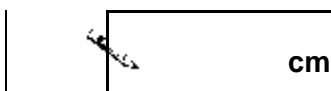
1 mark

Q19. Kate has a piece of ribbon **one metre** long.

She cuts off 30 centimetres.

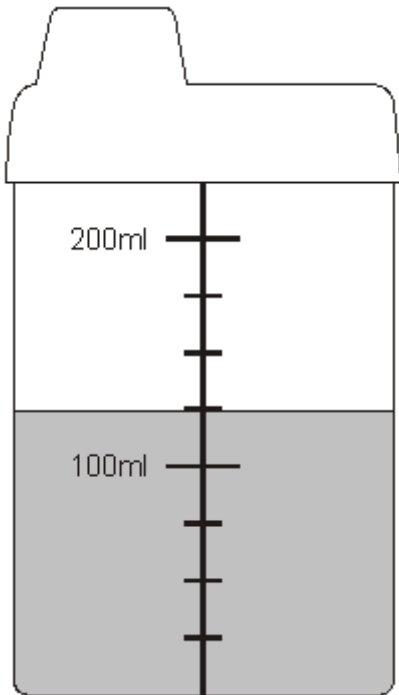


How many centimetres of ribbon are left?



1 mark

Q20. Here is a baby's drinking cup.

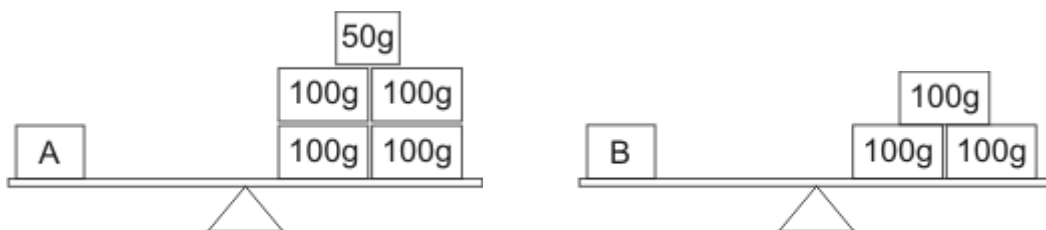


How many millilitres of water are in the cup?

ml

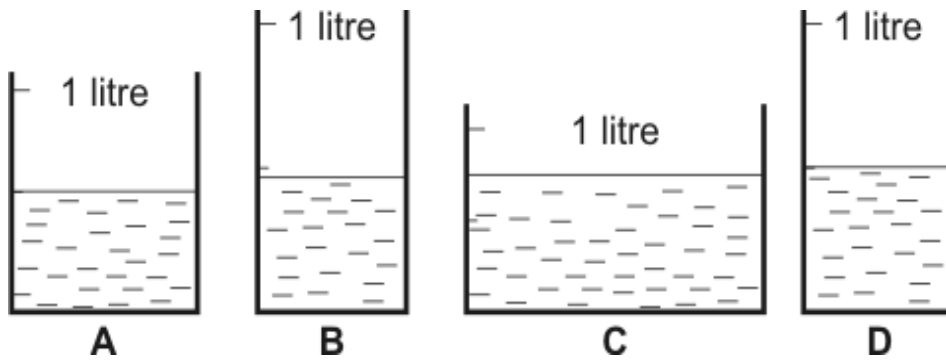
1 mark

Q21. How much heavier is parcel **A** than parcel **B**?



1 mark

Q22. All of these containers hold 1 litre when they are full.
Each container has some water in it.



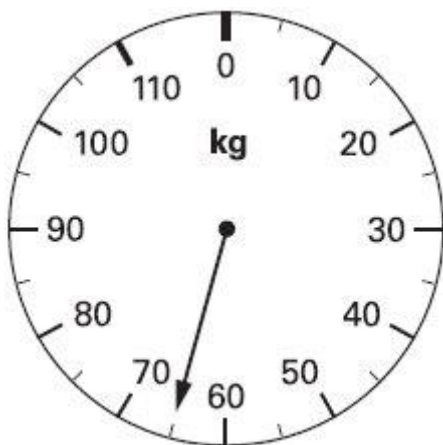
Write in the missing letters.

Containers and have the same amount of water.

Container has the most water.

2 marks

Q23. This scale shows how much Mrs Patel weighs.

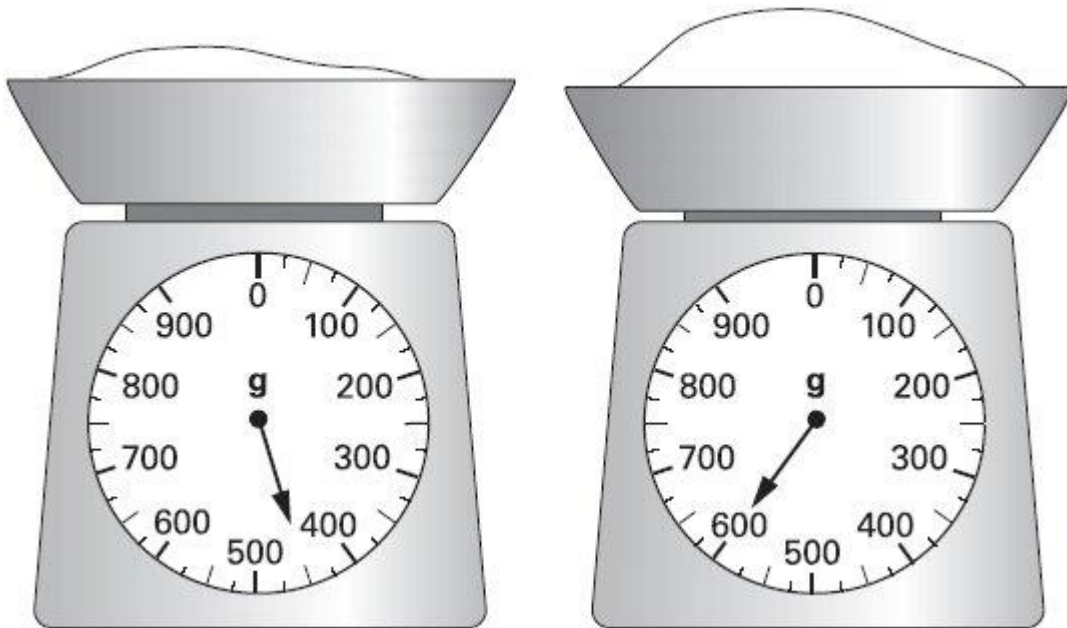


How much does Mrs Patel weigh?

kg

Q24. Emily is making a cake.
She puts flour on the scales.

She then adds sugar to the flour.



How much sugar does she add?



Show your **working**.
You may get a mark

g

2 marks

N3. **x** do **not** explain *volume*