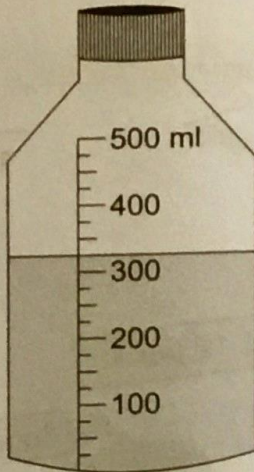





Set A: Test 4

There are 7 questions in this test. Give yourself 10 minutes to answer them all.

1. Corey bought a 500 ml bottle of water.
Here is the bottle after Corey had drunk some water.

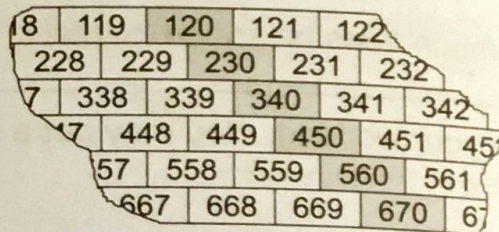


How much water did he drink?

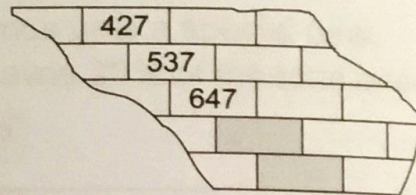
 ml

1 mark


2. Here is part of a number wall.
The shaded numbers are part of a sequence.



Here is another part of the wall.
The bricks are numbered using the same sequence.

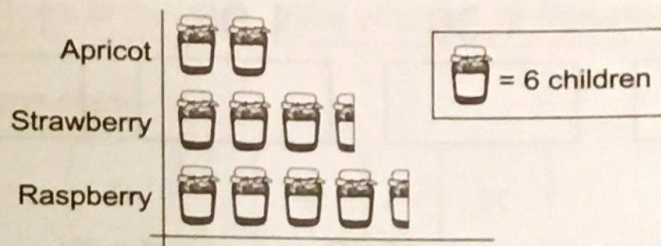


What numbers belong on the two shaded bricks above?

 and

2 marks

3. Year 5 carried out a survey to find out what flavour jam they preferred. Here is a pictogram of their results.



How many more children chose strawberry than apricot?



1 mark

What **percentage** of children chose apricot?


 %

1 mark

4. Emily needs 60 g of fruit and 100 ml of juice to make a small smoothie. She follows the same recipe to make a large smoothie. A large smoothie uses 350 ml of juice.

How much fruit will she need?


Show your working. You may get a mark.


 g

2 marks

5. Write these numbers in order starting with the **smallest**.

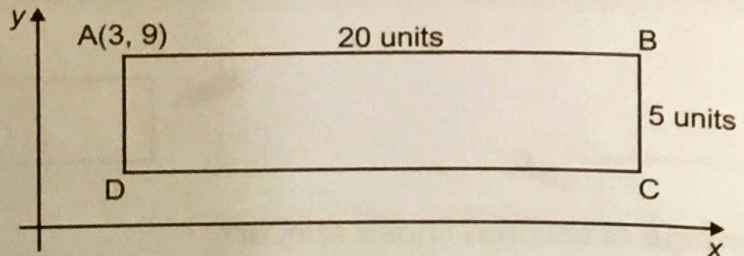
1.306 1.36 1.06 1.031



smallest


1 mark

6. The diagram shows rectangle ABCD on a pair of axes. The lengths of its sides are 20 units and 5 units.



The coordinates of point A are (3, 9).

What are the coordinates of point C?




1 mark

7. The temperature of a greenhouse was taken at regular intervals during the day. Here are the results.

13°C 17°C 22°C 20°C 18°C

What was the mean temperature in the greenhouse that day?

 °C

1 mark

END OF TEST

/ 10

otherwise 1 mark for correct working)

Test 4 – pages 10-12

1. There are 325 ml of water left
 $500 - 325 = 175$ ml
(1 mark for correct answer)

2. The sequence rule is add 110 each time.

	427				
	537				
	647				
	757				
	867				

757 and 867

(1 mark for each correct answer)

3. Half a jar represents $6 \div 2 = 3$ children
 $6 \times 2 = 12$ children chose apricot
 $(6 \times 3) + 3 = 21$ children chose strawberry
 $21 - 12 = 9$ more children chose
strawberry than apricot.

(1 mark for correct answer)

There are 10 jars in total, and 2

are apricot. $\frac{2}{10} = \frac{1}{5} = 20\%$

(1 mark for correct answer)

4. If 100 ml needs 60 g fruit then 300 ml needs
 $60 \times 3 = 180$ g fruit and 50 ml needs
 $60 \div 2 = 30$ g fruit. Total fruit needed
for 350 ml is $180 \text{ g} + 30 \text{ g} = 210 \text{ g}$

(2 marks for correct answer

otherwise 1 mark for correct working)

5. 1.031, 1.06, 1.306, 1.36

(1 mark for correct order)

6. $3 + 20 = 23$

$$9 - 5 = 4$$

(23, 4) (1 mark for correct answer)

7. $13 + 17 + 22 + 20 + 18 = 90$

$90 \div 5 = 18^\circ\text{C}$ **(1 mark for correct answer)**