

## GCSE QUESTIONS

### Q1. CALCULATOR ALLOWED

Change 350 centimetres into metres.

..... metres

(Total for question = 1 mark)

### Q2. CALCULATOR ALLOWED

(a) Change 4560 g into kg.

..... kg

(1)

(b) Change 7.3 m into mm.

..... mm

(1)

(Total for question = 2 marks)

### Q3. CALCULATOR ALLOWED

Shaun is 1.88 m tall.

David is 6 cm taller than Shaun. How tall is David?

.....

(Total for question = 2 marks)

### Q4. CALCULATOR ALLOWED

Change 1756 grams to kilograms.

..... kg

(Total for question = 1 mark)

### Q5. CALCULATOR ALLOWED

Change 1.5 kilometres to metres.

..... metres

(Total for question = 1 mark)

### Q6. CALCULATOR ALLOWED

Change 4 kilometres into metres.

..... metres

(Total for question = 1 mark)

**Q7. CALCULATOR ALLOWED**

Write a number on the dotted line to make the statement correct.

2.75 litres = ..... millilitres

(Total for question = 1 mark)

**Q8. CALCULATOR ALLOWED**

Change 4500g to kg.

..... kg

(Total for question = 1 mark)

**Q9. CALCULATOR ALLOWED**

(a) Change 35 cm to mm.

..... mm

(1)

(b) Change 7700 millilitres to litres.

..... litres

(1)

(c) Change 0.32 kilograms to grams.

..... grams

(1)

(Total for question = 3 marks)

**Q10. CALCULATOR ALLOWED**

1 kg = 2.2 pounds

Change 319 pounds to kg.

..... kg

(Total for question = 2 marks)

**Q11. CALCULATOR ALLOWED**

1 yard is 36 inches.

10 cm is an approximation for 4 inches.

Work out an approximation for the number of cm in 2 yards.

.....

(Total for question = 3 marks)

**Q12. CALCULATOR ALLOWED**

There are 1.5 litres of water in a bottle.

There are 250 millilitres of water in another bottle.

Work out the total amount of water in the two bottles.

.....  
**(Total for question is 3 marks)**

**Q13. CALCULATOR ALLOWED**

Jaroslav puts some items into his rucksack.

The table shows the weight of each item.

Item	Weight
2 apples	120 g each
2 bottles of water	524 g each
camera	474 g
map	86 g
mobile phone	214 g
umbrella	339 g

The rucksack has a weight of 275 g.

Work out the total weight of the rucksack and all the items.  
 Give your answer in kilograms.

..... kg  
**(Total for question = 3 marks)**

**Q14. CALCULATOR ALLOWED**

Thais has a large bottle of shampoo.

There are 2 litres of shampoo in the large bottle.

Thais also has some empty small bottles.

Each small bottle can be completely filled with 150 ml of shampoo.

How many small bottles can be completely filled with shampoo from the large bottle?

.....  
**(Total for question = 3 marks)**

**Q15. CALCULATOR ALLOWED**

There are 19.5 litres of water in a water container. A cup holds 210 ml of water.  
How many cups can be completely filled using the water in the water container?

.....  
(Total for question = 3 marks)

**Q16. CALCULATOR ALLOWED**

Ken buys some fruit. He buys apples, bananas, peaches and oranges.  
Ken buys

- 4 apples    weighing 125 g each
- 2 bananas   weighing 170 g each
- 3 peaches   weighing 135 g each

Each orange has a weight of 90 g.

The fruit has a total weight of 1.785 kg.

(a) Work out how many oranges Ken buys.

.....  
(3)

Jane wants to buy 15 tomatoes.  
She asks for 1 kg of tomatoes at a shop.  
Jane assumes that each tomato has a weight of 75 g.

(b) (i) If Jane's assumption is correct, will she get 15 tomatoes?

You must show how you get your answer.

(2)

(ii) If Jane's assumption is **not** correct, could she get 15 tomatoes?  
Justify your answer.

.....  
.....  
(1)  
(Total for question = 6 marks)

**Q17. CALCULATOR ALLOWED**

Polly has a full 5 kg sack of rice.

She pours the rice from this sack into bags. She fills as many bags as possible.

Each full bag contains 350 g of rice.

(a) How many bags did Polly fill from this sack of rice?

.....  
(3)

Polly assumes that the rice from two sacks will fill twice as many bags as the rice from one sack.

(b) Is Polly correct? You must give a reason for your answer.

.....  
.....

(1)  
(Total for question = 4 marks)

**Q18. CALCULATOR ALLOWED**

Henry is thinking of having a water meter.

These are the two ways he can pay for the water he uses.

**Water Meter**

A charge of £28.20 per year

**plus**

91.22p for every cubic metre of water used

1 cubic metre = 1000 litres

**No Water Meter**

A charge of £107 per year

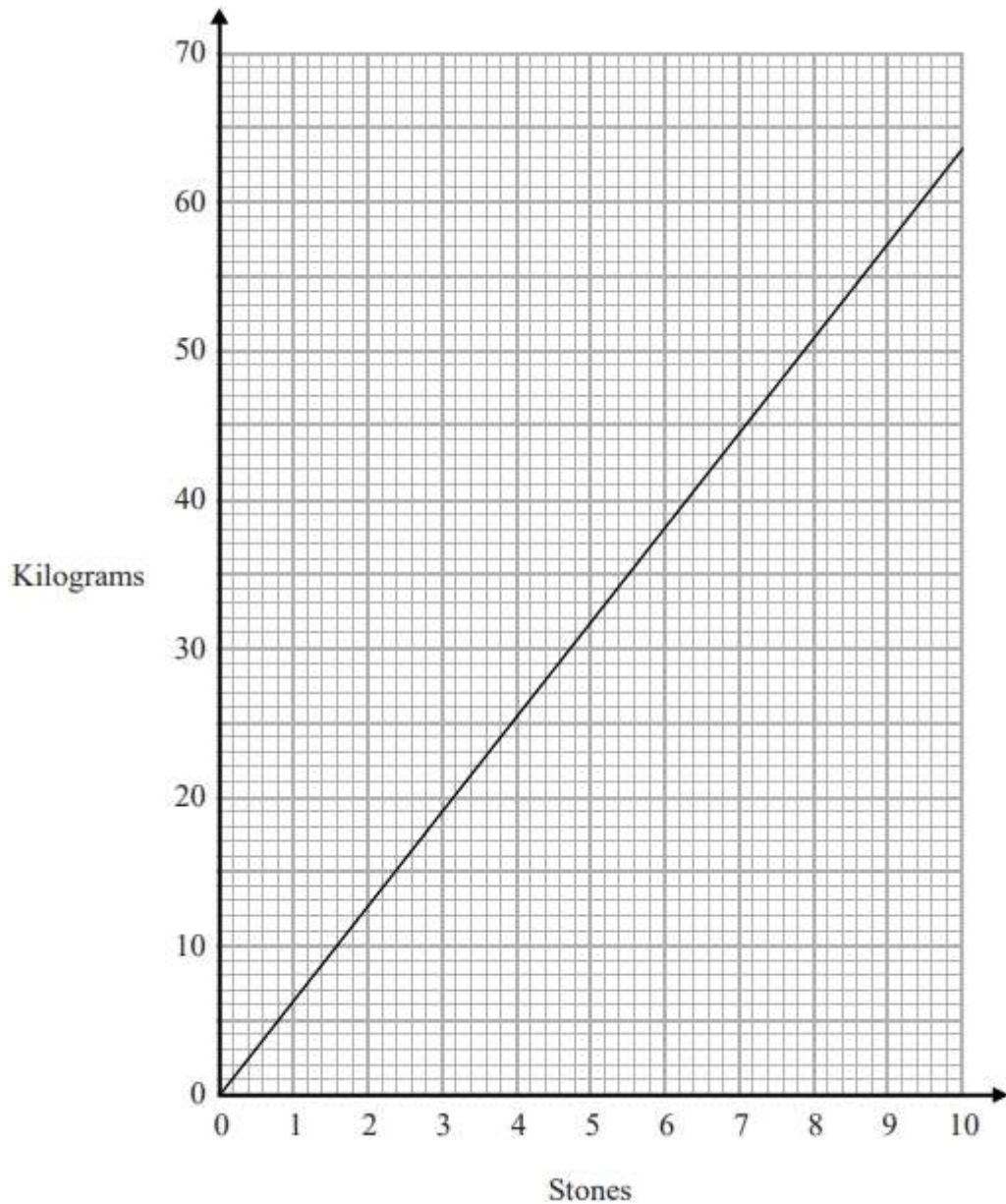
Henry uses an average of 180 litres of water each day.

Use this information to determine whether or not Henry should have a water meter.

(Total for question = 5 marks)

**Q19. CALCULATOR ALLOWED**

You can use this graph to change between stones and kilograms.



(a) Change 3 stones to kilograms.

..... kilograms  
(1)

(b) Change 80 kilograms to stones.

..... stones  
(2)

(Total for question = 3 marks)