

1. Bob and Mary win £250 on the Premium Bonds.
They share the money in the ratio 1 : 4

(a) How much money does each person receive?

Answer Bob £ , Mary £
(Total 2 marks)

2. Two singers receive £80 between them.
They divide their pay in the ratio of the number of songs they each sing.
Dan sings one song and Angela sings four songs.
How much does Dan receive?

Answer £
(Total 2 marks)

3. David has 72 balloons.
He shares them between his 3 friends in the ratio 4 : 3 : 2
How many balloons are in the largest share?

Answer
(Total 2 marks)

4. Brass is made from the metals copper, zinc and tin in the ratio 7 : 3 : 2
How much copper is needed to make 60 kg of brass?

Answer kg
(Total 2 marks)

5. Jim's class and Rosie's class go on a trip to the zoo.
Each pupil pays the same amount.

There are 30 pupils from my class on the trip. The total cost for my class is £90.

Jim

There are 25 pupils from my class on the trip.

Rosie

What is the total cost for Rosie's class?

Answer £
(Total 3 marks)

6. Packets of chocolate biscuits are sold in two sizes.

Standard Packet
Contents 12 biscuits

£1.09

Large Packet
Contents 36 biscuits

£3.17

Which size is the better value for money?
You **must** show your working.

Answer
(Total 2 marks)

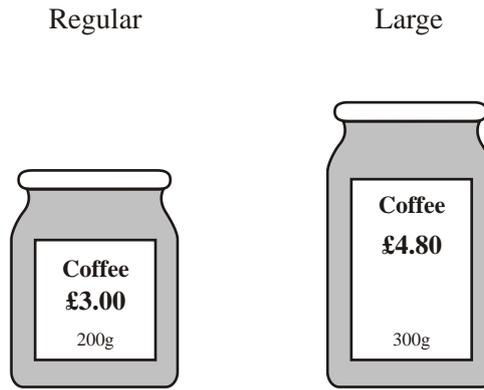
7. Mr Smith is collecting money for a school trip.
All pupils pay the same amount.
He keeps a record of what he collects in this table.

Day	Number of pupils	Amount collected
Monday	16	£48
Tuesday		£36
Wednesday	20	

Complete Mr Smith's table.

(Total 3 marks)

8. A supermarket sells jars of coffee of the same brand in two different sizes.



Which jar gives the better value for money?
You **must** show your working.

Answer

(Total 3 marks)

9. The table shows the amounts needed to make 36 mince pies.

Ingredient	Amount for 36 pies	Amount for 48 pies
Plain Flour	330 g	
Lard	75 g	
Butter	75 g	
Mincemeat	720 g	

Calculate the amounts needed to make 48 mince pies.
Put your answers in the table.

(Total 3 marks)

10. Andy scores 12 goals in 10 football matches.
Ben scores 21 goals in 15 football matches.

Which player scores the greater number of goals per match?
You **must** show your working.

Answer

(Total 3 marks)

11. A supermarket sells boxes of the same brand of teabags in three different sizes.



Work out the cost of 20 teabags for each size.

Answer Small p Medium p Large p

(Total 4 marks)

12. Fiona buys 4.4 kg of grapes for £5.94

How much does Alex pay for 3.6 kg of the same grapes?

Answer £

(Total 3 marks)

13. Four melons cost £4.28

How much will five melons cost?

Answer £

(Total 3 marks)

14. Petrol costs 88p per litre.

Calculate the price of 1 gallon of petrol.
Use the conversion 1 gallon = 4.5 litres.

Answer £.....

(Total 2 marks)