QTS Mental Arithmetic – Money Test

1. A sixth form group raises £180.15 for charity. The money will be divided between charities A and B in the ratio 2:1. How much money will charity A receive from the group?

Answer: £

2. A year 9 class raises £120.50 for charity. The money will be divided between charities A and B in the ratio 3:2. How much money will charity B receive from the group?

Answer: £

3. The total cost of entry to an activity centre for a group of 20 pupils is £210. What was the cost per pupil?

Answer: £

4. The total cost of entry to a theatre production for a group of 12 pupils is £150. What was the cost per pupil?

Answer: £

5. The cost per pupil of entry to a nature reserve is £5.45. What was the total cost for a party of 30 pupils?

Answer: £

6. One hundred and seventy pupils correctly completed a sponsored spell of twenty words. Each pupil was sponsored at fifteen pence per word. How much money did the pupils raise in total?

Answer: £
7. All 20 pupils in a class took part in a sponsored spell to raise money for charity. The pupils were expected to get an average of 16 spellings correct each. The average amount of sponsorship was 30 pence for each correct spelling. How many pounds would the class expect to raise for charity?

Answer: £

8. A teacher attends two training courses at different venues on two consecutive Tuesdays and travels from her home and back again each time. The first training venue was 13 miles from her home and the second 22 miles. Travel expenses may be claimed at a rate of 42p per mile. How much does the teacher receive?

Answer: £

9. 20 pupils took part in a sponsored swim to raise money for charity. The pupils were expected to swim an average of 15 lengths each. The average amount of sponsorship was £1.50 for each length they swam. How much money would the class expect to raise for charity?

Answer: £

10. A teacher travels from school to a training course. After the course she returns to school. The distance to the training venue is twenty-seven miles and expenses are paid at forty-one pence per mile. How much will she receive?

Answer: £

11. The headmaster plans to complete a charity running event over a distance of 30 miles. If 12 people sponsor him at a rate of 75p per mile. If he completes the full distance how much money will he raise?

Answer: £

12. The annual school photographs have been taken and in Class 9b 16 pupils have chosen to purchase a single photograph at a cost of £5 and 10 pupils have chosen to purchase both a single photograph plus a smaller sized set of four photographs for a combined cost of £9.50. How much money has been spent on photographs by the class?

Answer: £