

Times Tables and Money Sums

You must be very good with your times tables by now, but that is really just the beginning. You will spend a lot of the rest of your life using them in all sorts of situations and money calculations is just one of those.

So, here is your chance to apply what you have learnt to money problems and then you can amaze your teacher. Be careful to read the questions carefully.

Before we begin, remember that you can write quantities of money with a decimal point (in £'s) or without a decimal point (in pence). For example, £6.45 can also be written as 645p.

Quite often we need to work in pence, but at the end of the sum you may want to change your answer to pounds.

Here is an example:

John bought four cakes costing 67p each. How much did they cost altogether?

We work out 67×4 which is 268. This is 268p, of course. Normally we would change this to £2.68, so try to do that if your answers come to more than a pound.

Okay, here we go! And no Calculators remember!

1. Bruiser comics cost 65p. 32 pupils want to buy one each. What is the total cost of the comics?
2. Georgina has sixty seven 10p coins. How much are they worth altogether?
3. A teacher buys 36 geography text books for her class. Each book costs £6. How much does she have to pay for the set of books?
4. A can of Doke costs 76p. How much will 12 cans of Doke cost?
5. A pencil costs 12p and a ruler costs 32p. How much will 16 pencils and 15 rulers cost altogether?
6. Notepads normally cost 45p each. Jane bought 12 of these.

Next day Mohammad saw the same notepads in another shop for just 40p each, so he bought 12 too.

How much more did Jane pay for her notepads than Mohammad?

7. A teacher took her class of thirty pupils to visit a museum. The entrance fee for children was 95p and free for the teacher.

What was the total cost of the visit?

8. Mary saves 65p a week from her pocket money. How much would she have saved after 16 weeks?

9. David ate twenty four cherry cakes, costing 36p each. How much did the cakes cost his mum?

10. In a sale, DVDs were being sold for 99p each. Ken bought 23 DVDs. How much did he have to pay?

11. Ribbon costs 78p a metre. How much would 35 metres cost?

12. Teddy stickers cost 12p each. An infant school wants to buy 450 for all its pupils. How much would they cost?

13. Mary bought nine cups, nine saucers and twelve teaspoons.

Cups cost 89p each

Saucers cost 99p each

Teaspoons cost 56p each.

How much did Mary have to pay altogether?

14. Lemonade costs 45p per litre. How much would 56 litres cost?

15. Fred had 78p in his pocket. Jenny had three times as much. How much did Jenny have?

16. Mrs Jones was organising a party for nine children.

She bought:

nine packets of crisps at 35p each,

nine canned drinks at 67p each and

nine rolls at 99p each.

What was the total cost?

17. How many pence are there in:

a) £3.45 b) £6.98 c) £0.87 d) £12.65 e) £9.99 f) £10 ?

18. Which is cheaper:

4 kilometres in a taxi at 89p per kilometre or

12 kilometres on a bus at 31p per kilometre?

19. Jojo has five 20p coins, seventeen 5p coins and six 50p coins. Does she have enough to buy a CD costing £4.30? Explain your answer.

20. A felt pen costs 89p. How much would 48 pens cost?

(Note to parents: So far we have not introduced the decimal point into the problems, except when converting pence in an answer to pounds. If your son or daughter has not yet covered multiplying decimals please stop here and move on to the next activity. If they have covered multiplying decimals, allow them to carry on with the following questions.)

21. Harry bought 6 CDs costing £3.78 each. What was the total cost?

22. Jeremy earned £4.50 a week washing cars. How much did he earn in 9 weeks?

23. Ghodsi bought ten puppets costing £3.20 each. How much did she have to pay?

24. Light bulbs cost £1.25 each. Mr Jones owns a small hotel and needs 45 light bulbs. How much will this cost him?

25. Kelly was given two puppies for her birthday and needed two leads. The leads cost £4.89 each. How much did she have to pay for both leads?

26. Jeremy bought 50 stamps costing £1.34 each. What was the total cost?

27. What is 26 times £12.50 ?

28. Which is greater, three lots of £23.67 or four lots of £18.55? Explain your answer.

29. A British pound costs 1.23 Euros. How much did Pierre have to pay in Euros for £70 ?

30. A man bought three jackets costing £34.80 each. What was the total cost?

31. What is the total cost of a CD player costing £45.67, three CDs costing £8.99 each and four pairs of earmuffs costing £0.99 each?

- 32.** A fairground ride cost £1.50. How much did Jean have to pay for herself, her three brothers, her two sisters, her two aunts and three uncles to have a ride?
- 33.** A farmer buys twelve tonnes of manure costing £34.50 per tonne and six clothes pegs costing 45p each. What was the total cost?
- 34.** A Buzzy Frisbee costs £2.23. What would 45 freebies cost?
- 35.** What is the total cost of seven jumpers costing £6.80 and four tee shirts costing £3.99 each?
- 36.** In a sale a coat that was being sold at half price cost £45.60. Mrs Henry missed the sale and had to pay the full price. How much was that?
- 37.** What is the cost of 25 cartoon books if each book cost £3.89 ?
- 38.** A television costs £345.80. How much would ten of these televisions cost?
- 39.** A crate of lemonade bottles is five bottles wide and seven long. How many bottles does it hold?
- If lemonade costs £1.60 per bottle, how much is a full crate of lemonade bottles worth?
- 40.** Which is more, six lots of £4.87 or three lots of £9.20 ?