

F2 Mixed Percentages KS3

1. A coat costs £89.40. In a sale it is reduced by 18%. What is the sale price?
2. A piece of elastic is stretched from 46 cm to 62 cm. Find the percentage increase.
3. In a crate of 250 apples, 21 are bad. What percentage of the apples are bad?
4. The number of pupils in a school rises by 8% to 891. How many did there used to be?
5. Find 74% of £45.
6. The bill for a meal came to £45.80 plus 15% service charge. What was the total bill?
7. A jumper is reduced by 30% in a sale. It is now £8.75. How much was it before?
8. A stick is shortened from 140 cm to 133 cm. What percentage has been removed?
9. A farmer has 69 pigs and 173 cows. What percentage of the animals are cows?
10. A town had a population of 82400. The total fell by 14%. What is the new population?
11. A mug of coffee is heated from 20°C to 85°C. Find the percentage increase.
12. A season ticket goes up by 14% to £319.20. How much was the season ticket last year?
13. Find 219% of 56 kg.
14. A person earns £24600. She is given a 5.3% increase. How much does she now earn?
15. A clock is reduced by 12%. The sale price is £14.08. What was the original price?
16. A man weighs 72 kg. Two weeks later he weighs 68.5 kg. Find the percentage loss.
17. Find 0.45% of £340000
18. After a house is bought for £72000, it is sold for a 9.3% profit. How much is it sold for?
19. There were 879 pupils in a school. Find the percentage increase if there are now 913.
20. After a year a car is worth £18500. How much was it bought for if this is a 16% loss?
21. Ben collects posters and has 145 in total. He has 65 film posters, 29 pop posters and the rest are video posters. What percentage are video posters?
22. After a leak there are 65 litres of water left in a tank, which originally held 240 litres. What percentage of the water has been lost?
23. In a storm, 8% of trees in a forest are felled. If the forest originally had 7400 trees, how many are left standing?
24. An antique's price increases by 14%. If it is worth £108.30, how much was it worth before?