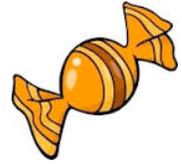


LI: To solve word problems involving percentages

1. I have 28 bags of sweets. My brother eats 40% of them. How many do I have left?



2. A car is going to be reduced by 12% if I pay for it in cash. If the car costs £5500 before the reduction, how much will it cost with the reduction?



3. The total attendance at last year's interschool football final was 8400. This year's attendance fell by 6%. How many people went to this year's final?

4. Mr. Usher is 190cm tall and his sister Sarah is 22% shorter. How tall is Sarah?

5. A television costs £456 before a sale. In the sale prices are reduced by 25%. How much does the TV cost in the sale?



6. Iqra bought a flat in 1989 for £65000. By 2013 its value had increased by 36%. What is the new value of the flat?

7. Billy has 80 sweets. His sister eats 15% bags of sweets and he eats 27%.

(i) How many sweets has his sister eaten?

(ii) How many sweets has Billy eaten?

8. Saad saves £2.50 a week for 12 weeks. He then spends 9% on a new toy. How much does he have left?

9. 1 large pizza costs £10.95. If I buy 3 of them, I get 25% off the total bill. How much should I pay?



10. Last year, Mr. Patel weighed 85.7 kg. This year he weighs 17% more. How much does Mr. Patel weigh this year?

11. I invest £9900 in a new website. Unfortunately the website didn't do very well and the value of my investment reduced by 46%. How much money do I now have?

12. A bottle of Fairy Liquid lasts 45% longer than a bottle of Asda washing up liquid. If the Asda liquid last for 50 days, how long does the Fairy Liquid last?

