

Percentages

1. Between the years 2001 and 2002 a stereo system increased in value by 20%. If the stereo cost £660 in 2002 what was its value in 2001?
2. The price of a car has increased in value by 30%. If the car is now valued at £7800 what was its previous value?
3. John is 136 cm tall. If John is 85% of the height of David, find David's height.
4. A student pays an aeroplane fare of £240. If this represents 60% of the adult fare, find the adult fare.
5. The cost of a season ticket for Hillside Town is £273 for a child. If this represents 65% of the cost of an adult ticket, find the cost of an adult season ticket.
6. Amanda and Roomila decide to see who can cycle further over an hour. Amanda covers 6 kilometres which is 80% of the distance covered by Roomila. How far did Roomila cycle?
7. In a maths examination Michael scored 75% of what Brian scored. If Michael scored 66% what did Brian score?
8. The average cost of a computer has fallen in price by 45% since 1999. If the average cost is now £660, find the average cost in 1999.
9. The roll of a school has fallen by 15% since the year 2001. If the school roll is now 1190, what was the roll in 2001?
10. The population of a Scottish village has dropped by 35%. If the population is now 420, what was the population originally?
11. The cost of a holiday increased by 8% from the years 2001 to 2002. If it cost £540 for the holiday in 2002, what was the cost in 2001?
12. Laura's wages have increased by 6%. She now earns £19080, find her wage before the increase.