

Reverse Percentage Problems



- 1) In a sale, normal prices are reduced by 20%.
The sale price of a shirt is £26
Calculate the normal price of the shirt.



- 2) A car dealer offers a discount of 15% off the normal price of a car for cash.
Emma pays £6120 cash for a car.
Calculate the normal price of the car.



- 3) In a sale, normal prices are reduced by 13%.
The sale price of a DVD recorder is £108.75
Calculate the normal price of the DVD recorder.



- 4) A salesman gets a basic wage of £160 per week plus a commission of 30% of the sales he makes that week.
In one week his total wage was £640
Work out the value of the sales he made that week.



- 5) Jason opened an account at MathsWatch Bank.
MathsWatch Bank's interest rate was 4%.
After one year, the bank paid him interest.
The total amount in his account was then £1976
Work out the amount with which Jason opened his account.



- 6) Jonathan's weekly pay this year is £960.
This is 20% more than his weekly pay last year.
Tess says "This means Jonathan's weekly pay last year was £768".
Tess is wrong.
- Explain why
 - Work out Jonathan's weekly pay last year.



- 7) The price of all rail season tickets to London increased by 4%.
- The price of a rail season ticket from Oxford to London increased by £122.40
Work out the price before this increase.
 - After the increase, the price of a rail season ticket from Newport to London was £2932.80
Work out the price before this increase.