

1. The price of a cooker is reduced by 20% to £320.

Work out the price of the cooker **before** the reduction.

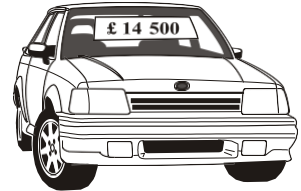
2. A holiday costs £6400.
This price is reduced by 8%.

Calculate the reduced price of the holiday.

3. The cost of repairs to a car was £1231.40.
This cost included VAT at 20%.

What was the cost of repairs before the VAT was added?

4. Petra bought a new car for £19000.
- At the end of the first year its value had depreciated by 28%. Calculate its value at the end of the first year.



5. Debbie made ice-lollies from fruit juice.
- When the fruit juice was frozen its volume increased by 12%.
- The volume of the frozen ice-lollies was 840 cm^3 .
- Calculate the volume of the fruit juice before it was frozen.

..... cm^3

[3]

6. In a sale, the price of a new kitchen is reduced by 25%.
- The price in the sale is £7245.
- Calculate the price of the kitchen before the sale.

7. In a sale the price of a pair of shoes is reduced by 45%.
The sale price of the shoes is £24.75.

What was the original price of the shoes?

8. The volume of a large cake is 6708 cm^3 .
This volume is an increase of 72% of the uncooked mixture.

Calculate the volume of the uncooked mixture.