

# Percentage Increases & Decrease



- i. A concert ticket costs £45 plus a booking charge of 15%.  
Work out the total cost of a concert ticket.
- ii. Mrs Brown buys a new table in a furniture show. She gets a 25% reduction if she spends £120 or more.  
She buys a table costing £132. What is the final cost of the table?
- iii. Liam wants to buy a new pair of trainers. There are 3 shops that sell the trainers he wants.

<b>Sports For All</b> <b>Trainers</b> <b>£5</b> plus <b>10 payments of</b> <b>£4.50</b>	<b>Aida Sports</b> <b>Trainers</b> $\frac{1}{4}$ off usual price of <b>£65</b>	<b>Keith's Sports</b> <b>Trainers</b> <b>£45</b> plus <b>VAT at 20%</b>
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- Work out the cost of a pair of the trainers in Sports For All.
  - Work out the cost of a pair of the trainers in Aida Sports.
  - Work out the cost of a pair of the trainers in Keith's Sports.
- iv. Andrea sells books. She sells each book for £7.60 plus VAT at 5%.  
She sells 1650 books. Work out how much money Andrea receives.
  - v. A coat originally cost £80. In a sale, it is reduced in price to £67.20. What percentage discount was applied in the sale.
  - vi. Peter bought a house 5 years ago for £120,000. He has had it revalued today at £129,600. What is percentage increase in price over the 5 years?