

Increase/Decrease by a Percentage

- 1) Increase:
- a) 500 by 10%
 - b) 320 by 10%
 - c) 80 by 15%
 - d) 75 by 20%

- 2) Decrease:
- a) 400 by 10%
 - b) 380 by 10%
 - c) 140 by 15%
 - d) 35 by 20%

- 3) The price of a laptop is increased by 15%.
The old price of the laptop was £300.
Work out the new price.

- 4) The price of a £6800 car is reduced by 10%.
What is the new price?



- 5) Increase:
- a) 65 by 12%
 - b) 120 by 23%
 - c) 600 by 17.5%
 - d) 370 by 17.5%



- 6) Decrease:
- a) 42 by 15%
 - b) 79 by 12%
 - c) 52 by 8.5%
 - d) 8900 by 18%



- 7) The price of a mobile phone is £78.40 plus VAT.
VAT is charged at a rate of 17.5%.
What is the total price of the mobile phone?



- 8) In a sale, normal prices are reduced by 7%.
The normal price of a camera is £89.
Work out the sale price of the camera.



- 9) A car dealer offers a discount of 20% off the normal price of a car, for cash.
Peter intends to buy a car which usually costs £6800.
He intends to pay by cash.
Work out how much he will pay.



- 10) A month ago, John weighed 97.5 kg.
He now weighs 4.5% more.
Work out how much John now weighs.
Give your answer to 1 decimal place.