

Percentages

1. Find 25% of €13,500.
2. Add 10% of €2500 to 5% of €3750.
3. A part costs €150 ex VAT. What is the price including VAT at 21%?
4. If I buy an item for €200 and sell it for €245, what is my percentage profit?
5. My earnings are €25,360 per annum. If I receive a pay increase of 2.5%, what will my annual earnings be?
6. If the VAT rate on windows is 13.5%, how much VAT should be added to a window costing €350 ex VAT?
7. If I buy an item for €1500, what should the selling price be in order to achieve a profit of (a) 10%, (b) 20% and (c) 30%.
8. An item costs €67.76 inc VAT at 21%. What is the price ex VAT?
9. A sale advertises 30% off. What should be the sale price of a coat which normally costs €180?
10. The side of a square is 120 mm. If the sides are increased by 10%, what is the resulting increase in the area of the square?
11. A rectangular box originally measuring 35 cm X 50 cm X 70 cm is redesigned to have dimensions 40 cm X 50 cm X 65 cm. What is the percentage change in the volume of the box?
12. I buy an item for €85. What should I sell it for in order to achieve a profit of 15%?