(1) In a sale 10% has been taken off the price of a t-shirt. The new price is £36. Find the old price.
(2) The value of painting has increased by 10% to £605. Find its original value.
(3) Bob’s wages have decreased by 20%. His new wage is £360. Find his old wage.
(4) Jim has a pay increase of 20%. His new wage is £1020. Find his old wage.
(5) A shop has 15% off jeans. The new price of a pair is £76.50. Find the original price.
(6) A meal has an increase of 15% in its price. The new cost is £51.75. Find the old price.
(7) The cost of meat has been reduced by 12%. The new price is £7.48. Find the old price.
(8) Fred’s weight has increased by 12% to 80.64kg. Find his previous weight.
(9) The average test score of 11E5 has increased by 25% and is now 35. Find the average test score before.
(10) The amount of snow that fell today is 25% less than yesterday. If 31.5mm fell today, how much fell yesterday?
(11) There was a decrease of 40% in the cost of wine in a shop. After the decrease the price was £9.60 a bottle. Find the cost before the decrease.
(12) Jane thinks her test score should go up by 40% in her next test. She thinks she will get 84 marks. What did she get in her previous test?
(13) The share price of oil has decreased by 12%. The new price is £68.64. Find the old price.
(14) Kelly has been told a jumper has been reduced by 10% and the new price is £27.
Kelly says that if she finds 10% of £27 and adds that to the £27 that will give her the original price. Is she correct? You must explain your answer.
(15) Find 35% of £120.