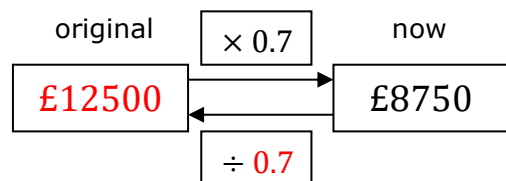


Reverse Percentages

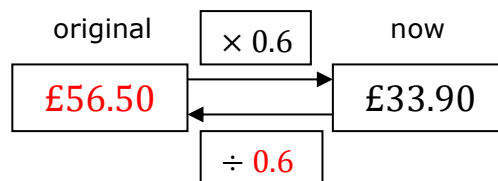
(a)

A van depreciates in value by 30% during its first year. Its value now is £8750. What was its original price?



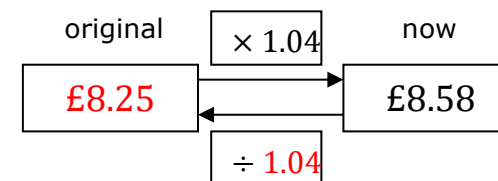
(b)

A coat is reduced by 40% in a sale to £33.90. What was its original price?



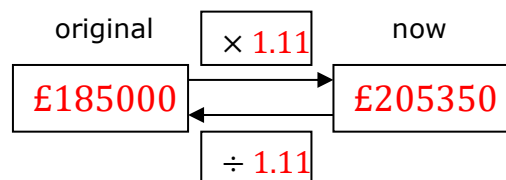
(c)

After a pay rise of 4% Armaan is paid £8.58 per hour. How much was his hourly rate before the pay rise?



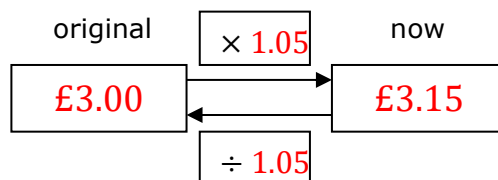
(d)

Property prices have risen by 11% in the last year. If Sheila's house is now worth £205350, how much was it worth last year?



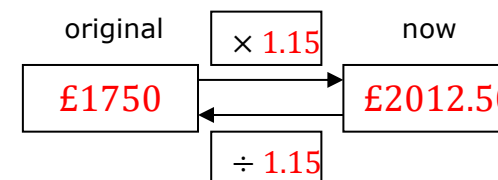
(e)

At Drink cafe all prices were increased by 5%. The new price of a cup of coffee is £3.15. What did it cost before the increase?



(f)

A holiday cost £2012.50 including tax at 15%. What was the cost of the holiday without tax?



(g)

The population of a small island has increased in the last ten years by 7% to 1498. What was the population ten years ago?

$$1498 \div 1.07 = 1400$$

(h)

Bruno sold his car for £7810. This was 45% less than he paid for it five years before. What did he pay for it?

$$\pounds 7810 \div 0.55 = \pounds 14200$$

(i)

In a sale the price of everything is reduced by 7.5% rounded to the nearest penny. Susan is charged £41.61 for a blouse. What was its original price?

$$\pounds 41.62 \div 0.925 = \pounds 44.99$$