

2 Find the odd one out

(a) 3% of £68 (b) 8% of £32 (c) 12% of £17

3 9% of a cereal is sugar. How much sugar is there in a 750g box of cereal?

4 Which is larger:

A 7.3% of £8.99 or B 9.4% of £6.81?

5 Rory earns £22000 each year. He gets a pay rise of 4%. How much does he now earn each year?

6 The price of a house was £160,000. During one year, the price increases by 3.5%. What is the new price of the house?

7 What is the sale price for each item below?

(a)  Digital radio £90
SALE
33 $\frac{1}{3}$ % off

(b)  Bed £450
SALE
35% off

8 A railcard gives a 20% discount. How much would £9.65 train journey cost if the railcard was used?

9 Write down the percentage multiplier that would be used for the following (e.g. 'increase of 4%' means the percentage multiplier is 1.04):

(a) Increase of 25% (b) Increase of 17.5% (c) Decrease of 6%
(d) Reduction of 3.5% (e) Decrease of 63% (f) Increase of p%

10 (a) Decrease £320 by 8.5% (b) Increase £48 by 26%
(c) Reduce £21 by 6.3% (d) Decrease £9.85 by 3.2%

11 The population of Hatton is 11500. If the population decreases by 2%, what is the new population?

12 A computer costs £1099. Ton gets a 14% discount. How much will ton pay for the computer?

13 A bike costs £412 + VAT.
If VAT is 17.5%, work out how much the bike costs altogether.

14 A car is worth £4650. After an accident its value falls by 38%. How much is it worth now?

15 A holiday is priced at £2118. World oil prices rise which means that the price of the holiday increases by 7.5%. What is the new price of the holiday?

16 A new car costs £2320 + VAT (17.5%). Its value decreases by 27% after one year.

(a) What is the total price of the new car?
(b) How much does the car cost after 1 year?