1. Reduce each of these prices by 25%.

**(a)** £16.80 **(b)** £5.60 **(c)** £90

2. What number should you multiply by to reduce prices by 35%?

3. In a sale, prices are reduced by 35%.

Calculate the sale prices of skirts with these original prices.

1. £25 **(b)** £29.60 **(c)** £50

4. If bus fares go up by 12%, what number should you multiply by to get the new fare?

5. To the nearest penny, calculate the new fare after a 12% increase on these old fares.

1. £2.90 **(b)** £38.60 **(c)** £60

6. A shop buys coffee for £2.50 per kilogram.

It adds 55% on when it sells the coffee.

What is the selling price of one kilogram of coffee in this shop?

7. Since last year the price of houses has increased by 9% on average.

How much would you expect to pay this year for a house that cost £110 000 last year?

8. The cost of a camera is £286 plus VAT.

The rate of VAT is 20%.

Calculate the cost of the camera.

9. Between 2000 and 2005, the number of school age children in a town

went down by 23%.

The number of children in this town in 2000 was 9560.

How many children were living in this town in 2005, correct to the nearest number

10. One year, workers in a factory receive a pay rise of 4.8%.

Calculate a worker’s new weekly pay if their old weekly pay is £300.

**Answers:**

1a) £12.60 b) £4.20 c) £67.50 2. 0.65 3a) £16.25 b) £19.24 c) £32.5 4. 1.12

5a) £3.25 b) £43.23 c) £67.20 6. £3.88 7. £119,900 8. £343.20 9. 7361 10. £314.40