Skillswise

Calculating cost 2 - answers

1.

Step 1 **Read and understand the problem.**	A bus journey costs £2.50 a day. If you make the journey from Monday to Friday what is the weekly cost?
Step 2 **Work out what calculations you need to do.**	Monday to Friday is 5 days so work out 5 lots of £2.50.
Step 3 **Carry out the calculations and answer the problem.**	You might find it easier to do the multiplication if you partition the £2.50 into £2 and 50p: 5 x £2 = £10 5 x 50p = £2.50 So 5 × £2.50 is £12.50 The total weekly cost is £12.50.
Step 4 **Check your answer works.**	You could try adding: £2.50 + £2.50 + £2.50 + £2.50 + £2.50 = £12.50 The answer is correct.

2.

Step 1 **Read and understand the problem.**	If you paid £50 a month in car-insurance premiums, how much would you be paying each year?
Step 2 **Work out what calculations you need to do.**	There are 12 months in a year, so you need to work out 12 payments of £50 (multiplication).
Step 3 **Carry out the calculations and answer the problem.**	12 x £50 = £600 Your car-insurance premium would be £600 a year.
Step 4 **Check your answer works.**	Try a different method for multiplying 50 by 12. Partition the 12 into 10 and 2: 50 × 10 = 500 50 × 2 = 100 So 52 × 12 = 600 The answer is correct.