Multiplying money

There are many different ways of carrying out multiplication. It may be useful to look at the Multiplication factsheets before you work on this section.

The factsheet 'Recording money' explains that money can be said or written in different ways.

When multiplying money:
- **Record** the money correctly, using **two** decimal places. (You may need to add some zeroes.)
- Carry out the multiplication **ignoring** the decimal point and starting from the **right**.
- Put a decimal point into your answer so that it has **two** decimal places.

Example 1
Jean bought 12 books at £1.35 each. What was the total cost?

```
    1.35
 x    12
   2 7,0
   1350
 £16.20
      1
```

Remember how important the final zeroes are in your working out.

Example 2
Leon bought 8 items at £3.65 each. He did this written calculation using the lattice method (see factsheet **Multiplying large numbers: lattice method.**)

Leon estimated that the answer would be close to £4.00 × 8 = £32.00

The actual answer would be **£29.20**, which is close to Leon's estimate. He checked the answer on a calculator, which gave 29.2. Leon remembered that calculators do not show final zeroes.