

## Study Skills - Problem Solving

LP: To apply critical thinking skills to solve a problem

*On the next slide there will be a problem or puzzle of some kind, work to try and find a solution.*

*They are all possible so don't give up!*

### Scented Secret



Perfume in a bottle costs £45.  
The perfume costs  
£40 more than the empty bottle.  
What is the cost of  
the perfume alone?

*HINT: The word more is key to answering this question.*

*Extension: Would you be prepared to explain your answer to the class*

Solution:



*Bole: 2.50*

*Perfume: £42.50*

Explanation:

*If the perfume costs £40 more than the bole, then the extra £5 must be split equally between the bole and the perfume.*

*£5 divided by 2 is £2.50, this is the price of the bole, add £40 to get the price of the perfume.*