

# Self-assessment sheet

## For pupils

Think about the problem you have just been working on. Discuss each of these questions with a partner. Then write down what you think you have learnt.

### Independence

Did you manage to work through to a solution even though you might not have had a clear idea to start with?

Did you need help from someone who had some ideas about what to do?

### Questions about using spreadsheets

Which spreadsheet skills did you use when exploring this problem?

Did you have these skills already? If so, did it feel as though you were doing something new with them?

Did you learn any new Excel techniques through working on this problem?

Are there skills which you would like to learn? What might that help you do?

### Evaluation

When you looked at the numbers in the spreadsheet were you able to see how those results helped you understand the solution to the mathematical problem?

Did the spreadsheet help you see a connection, a relationship or a pattern which you might not have found if you had done the calculations yourself?  
Can you give an example?

If you look back on the problem, can you see other ways that you could have tackled it which may have been more effective and elegant?

### New mathematics

What new mathematics have you learned by doing this problem?

### Communicating and justifying

Were you able to convince someone else that your solution was correct?

### Curiosity

Can you give an example of anything in the question that has fired your interest enough to look at ideas not included in the question itself?

Have you thought of any follow-up problems that you could think about if you have time?