Modelling Homework

Name:		Class:	

Task 1: Create a spreadsheet to show the following data. It is up to you to choose a suitable layout and the formatting for your spreadsheet.

You are going on a secret mission in Berlin and need to drive there. It costs £0.56 per mile and Berlin is 384 miles from your base. You also need to pay for a hotel at £50 per night for 4 nights. You need to buy a fake passport and ID which is £2,000 and you also need to rent evening wear which costs £250. You need to work out how much the mission will cost.

Task 2: Change the data in the spreadsheet to find out the following answers.

Question	Your Answer
1. What is the present cost of the mission?	
2. You now need to stay for 6 nights. What is the new cost of the mission?	
3. You have a new car which costs less to run each mile. What will this do to your spreadsheet?	
4. The fake passport and ID now costs £3000. What will this do to your spreadsheet?	

Task 2: Email the completed spreadsheet to your teacher as an attachment.

Extension Activity: Write a definition for each of the following terms:

Term	Definition
Relative Cell Reference	
Absolute Cell Reference	
Modelling Data	