MyCinema Model

Year 8 – Unit 8.1 - Modelling

Films	Ticket Sales							Total Weekly Ticket Sales (for each film)
	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	
James Bond : Casino Royale	£800.00	£2,700.00	£2,100.00	£400.00	£350.00	£200.00	£250.00	
Monster House	£500.00	£2,000.00	£1,500.00	£200.00	£250.00	£100.00	£150.00	
	£100.00	£250.00	£200.00	£75.00	£300.00	£0.00	£50.00	
Over the Hedge	£500.00	£1,500.00	£1,400.00	£300.00	£200.00	£100.00	£200.00	
Borat	£750.00	£1,000.00	£850.00	£450.00	£150.00	£50.00	£100.00	
Disney's Cars	£950.00	£900.00	£850.00	£400.00	£350.00	£250.00	£400.00	
Madagascar	£650.00	£1,100.00	£650.00	£325.00	£250.00	£50.00	£250.00	
Least Ticket Sales (MIN)								
Most Ticket Sales (MAX)								
Average Ticket Sales (AVERAGE)								

1. Calculate the Total Weekly Ticket sales for each film using the SUM function.

2. Calculate the best-selling and worst-selling film for each day and the Total using the MIN and MAX functions.

3. Add the average ticket sales for each day and the final Total, using the

4. Write the formular in the cell

	Add the SUM, MIN, MAX and AVERAGE formulae to the above spreadsheet model to answer the questions below.	Function(s) used, e.g. MIN
1.	On Saturday, which film sold the most tickets?	
	<Type your answer here>	
2.	On Tuesday, which movie had the lowest ticket sales? What function did you use to find this out?	
	<Type your answer here>	
3.	On which day was the most tickets sold for a particular movie? What function did you use to find this out?	
	<Type your answer here>	
5.	On which day was the least tickets sold for a particular movie? What function did you use to find this out?	
	<Type your answer here>	