

Films Spreadsheet

Download and open the **films spreadsheet**

This shows the highest grossing films in history. The ones that made the most money at cinemas

Question 1

- A. Select the **entire sheet**
- B. **Sort** the data by **Title to put the films in alphabetical order**
Use **Data > Sort** to do this
Make sure the **column headings** in the first row stay where they are at the top of the sheet
- C. Use a **filter** to show the films that were **not** produced **only** in the **United States**
Use **Data > Filter** to do this
- D. Use **conditional formatting** to colour the films which grossed more than 2 billion dollars (more than 2.0 in column **B**). The choice of colour is up to you
Conditional formatting is on the **Home** tab

At the bottom, switch to the worksheet 'data analysis' for the next questions

Question 2

Use the **data analysis** worksheet for this question

Use **functions** to work out each of the following in the spaces provided on the spreadsheet. You can find each function under the **AUTOSUM** button

The answers go in the **light brown** sections

- A. The **total** number of films
- B. The **average** gross earnings (column B)
- C. The **highest** gross earning
- D. The **earliest** year
- E. The **latest** year

Question 3

Keep using the **data analysis** worksheet for this question

Use the **Complex Formulas Guide** to help you

- A. Use **COUNTIF** functions to complete the **Complex Data Analysis** section (the **dark brown** section)

You can find **COUNTIF** under **Formulas > More functions > Statistical**

Make sure you use **COUNTIF** not **COUNTIFS**

All the questions use **column D**

Question 4

This question uses an **IF function**

Use the **Complex Formulas Guide** to help you

- A. In cell **E2**, use an **IF** function to put the words **20th CENTURY** if the **year** the film was made is after 1999, and the words **19th CENTURY** otherwise
- B. At the top, click **Formulas**
- C. Choose **Logical** and then **IF** from the list
- D. **Fill** the function down **every row** in the table