**Question 1**

Use **Create from Selection** to name each of the columns of data in the **Ealing Property Sales** sheet.

Check the Name Box to see all your named ranges have been created correctly. What name has been applied to the data in Column **D**?

**Question 2**

In **C3** use a **COUNT** function to count the values in the named range **ID**.

What answer does the **COUNT** function return?

**Question 3**

This is not the result we were hoping for, look carefully at the **ID** column, can you see why we got this answer?

Why did the **COUNT** return this result?

**Question 4**

Have a look at column **J** (**Flat Number**), note that a lot of the cells are blank.

Which function would you use to count the number of blank cells in a column?

**Question 5**

On the **Summary Data** sheet, in cell **B4**, use a function to sum the **Price Paid** for all properties of type **Terraced**. Copy the formula down.

What was the total **Price Paid** for **Semi**? **Don't enter the currency symbol or decimal points, just the plain number of the format #####**

**Question 6**

In **C4** create a formula to sum the total **Price Paid** for all **Terraced** properties sold in **2014**. Make any necessary adjustments and then drag the formula down and across to complete the table.

Which of these formulas is correct?

**Question 7**

In **F4** create a sparklines showing the sales trends for terraced houses from 2014 to 2016. Copy the sparkline down to **F8**.

Which of these property types follows a completely different trend to the others?

**Question 8**

Click in **A12**. Note the drop down that allows you to select different **Towns**, leave it set to London. In **B13** create a calculation that will show the **number of properties sold** in the selected town for July 2015. (Note you will need to add criteria to check **Year Sold** and **Month Sold**). Copy the formula down to get results for the other months.

Which Month had the second highest number of sales?

**Question 9**

In **C13** create a formula to sum the total price paid for properties sold in the selected region (London) for July 2015. (Note you will need to add criteria to check Year Sold and Month Sold.) Copy the formula down to get results for the other months.

Which Month had the lowest total sales?

**Question 10**

Select the range **A12:C18** and create a line chart. Put the **Total Sales** series on a secondary axis and change it to a Clustered Column chart.

Which of the following most closely resembles your chart?

**Question 11**

In your new chart select the **Number Sold** series and add a trend line. Show the R² value. Compare the results you get from the different trend line options.

Which of the following trendline options yields the best R² value?

**Question 12**

Change your trendline to a Polynomial Order 2.

What R² value does the Polynomial Order 2 show?