Test Your Skills: Summarizing Data **Date: 24th Dec, 2025.**

1. The attached workbook is needed to answer all the questions associated with this quiz. 1 / 1 point

C2 W4 Assessment Workbook
XLSX File

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**?

- ○ Year Sold
- ○ YearSold
- ◉ Year_Sold
- ○ Year-Sold

Correct
Yes, that's correct!

2. In **C3** use a **COUNT** function to count the values in the named range **ID**. 1 / 1 point

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

Please enter just the number.

9

Correct
Well done!

3. This is not the result we were hoping for, look carefully at the **ID** column, can you see why we got this answer? 1 / 1 point

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

- ○ Because some IDs are invalid
- ○ Because some IDs have spaces
- ◉ Because some IDs contain text characters
- ○ Because some IDs are blank

Correct
Yes, well done!

4. Have a look at column **J** (**Flat Number**), note that a lot of the cells are blank. 1 / 1 point

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

Please enter just the function name all in UPPERCASE letters with no equal sign, brackets or arguments.

COUNTBLANK

Correct
Yes, good job!

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. 1 / 1 point

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

72,906,550

Correct
Yes, that's correct.

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. 1 / 1 point

Which of these formulas is correct?

- ○ =SUMIFS(Price_Paid,Property_Type,A4,Year_Sold,C3)
- ◉ =SUMIFS(Price_Paid,Property_Type,$A4,Year_Sold,C$3)
- ○ =SUMIFS(Price_Paid,Property_Type,A4,Year_Sold,C$$3)
- ○ =SUMIFS(Price_Paid,Property_Type,A4,Year_Sold,C3)

Correct
Yes, that's correct. Well done!

7. In **F4** create a sparklines showing the sales trends for terraced houses from 2014 to 2016. Copy the sparkline down to **F8**. 1 / 1 point

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

- ○ Semi
- ○ Flat
- ○ Detached
- ◉ Other

Correct
Well done!

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. 1 point

Which Month had the lowest number of sales?

Type out the full name of the month.

July

Incorrect
No, that's not correct.

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. 1 / 1 point

Which Month had the lowest total sales?

Type out the full name of the month.

October

Correct
Good job!

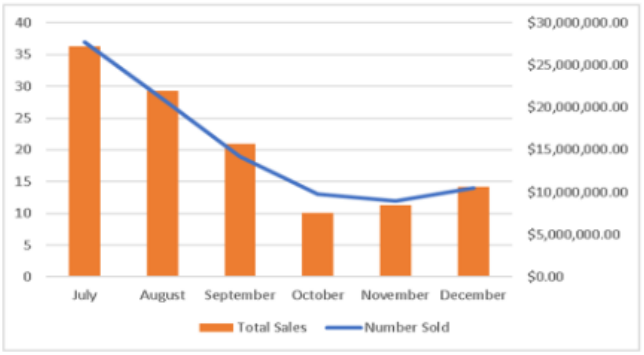
10. Select the range **A12:C18** and create a line chart. Put the **Total Sales** series on a secondary axis and change it to a Clustered Column chart. 1 / 1 point

Which of the following most closely resembles your chart?

- (●) This one:

- ( ) This one:

○ This one:



Correct
Great work!

11. In your new chart select the **Number Sold** series and add a trend line. Show the R^2 value. Compare the results you get from the different trend line options. 1 point

Which of the following trendline options yields the best R^2 value?

○ Exponential
○ Linear
○ Logarithmic
◉ Power

Incorrect
That's not correct.

12. Change your trendline to a Polynomial Order 2. 1 / 1 point

What R^2 value does the Polynomial Order 2 show?

Type 0. followed by 4 digits e.g. 0.6789.

0.9933

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