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Test your knowledge on using functions in spreadsheets

GESAMTPUNKTZAHL 5

1. Data analysts use which of the following functions to quickly perform calculations in a spreadsheet? Select all that apply.

1 / 1 Punkten

☐ MASS

☒ MIN

✓ Richtig

AVERAGE, MIN, and SUM are functions used to quickly perform calculations in a spreadsheet.

☒ SUM

✓ Richtig

AVERAGE, MIN, and SUM are functions used to quickly perform calculations in a spreadsheet.

☒ AVERAGE

✓ Richtig

AVERAGE, MIN, and SUM are functions used to quickly perform calculations in a spreadsheet.

2. What is the term for a preset command in a spreadsheet?

1 / 1 Punkten

☐ Quotient

☒ Function

☐ Range

☐ Cell

✓ Richtig

A preset command in a spreadsheet is called a function.

3. You are working with spreadsheet data about a cross-country relay race. Each runner's times are located in cells H2 through H28. To find the runner with the fastest time, what is the correct MIN function syntax? Type your answer below.

1 / 1 Punkten

=MIN(H2:H28)

✓ Richtig

Feedback: The MIN function syntax is =MIN(H2:H28). MIN returns the smallest numeric value from a range of cells. H2:H28 is the specified range.

4. A data analyst at an electronics company needs to compare earnings of the four departments of the company over time. They collect the earning data of each unit for the previous three years and create a visualization. Which type of visualization would be most effective?

1 / 1 Punkten

☐ Pie chart

☒ Line graph

☐ Scatterplot

☐ Infographic

✓ Richtig

A line graph would be most effective for visualizing change over time and comparing groups of data.

5. To visualize data, data analysts use which of the following graphs or charts? Select all that apply.

1 / 1 Punkten

☐ Feature graph

☒ Bar graph

✓ Richtig

Bar graphs and area charts are used for data visualization.

☒ Area chart

✓ Richtig

Bar graphs and area charts are used for data visualization.

☐ String chart