

Analyzing Our Results

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Understanding Scientific Methods

Name: _____

Date: _____

Answer the following questions based on what you learned about organizing data and creating graphs.

1. What is one reason we organize our data?

- A. To make it messy
- B. To see patterns
- C. To confuse others

2. God gives us wisdom and understanding through ____ and careful study.

3. What is a graph used for in science?

4. Match the term with its description.

Data Table

A visual representation of numbers

Graph

An organized list of information

5. According to Proverbs 2:6, who gives us wisdom?

- A. Teachers
- B. Yahweh
- C. Friends

6. Colossians 3:23 teaches us to work heartily, as for the ____.

7. What surprised you about your results in your experiment?

8. Graphs can show trends more clearly than just numbers alone.

- True False

9. What is the main goal of the Data Detective Challenge?

- A. To create messy tables
- B. To transform raw data into organized graphs
- C. To ignore the data

10. Careful analysis helps us understand our ____ better.

Answer Key

1. To see patterns 2. analysis 3. A graph helps us see trends and patterns in our data. 4. A visual representation of numbers 5. Yahweh 6. Lord 7. I was surprised that my results were different than I expected. 8. True 9. To transform raw data into organized graphs 10. results