

Comparing and Ordering Decimals

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Understanding Decimal Place Value

Name: _____

Date: _____

Answer the following questions based on what you learned about comparing and ordering decimals.

1. Which of the following decimals is larger?

- A. 0.345
- B. 0.354
- C. 0.3450

2. To compare decimals, we first align the decimal points and then compare digit by ____.

3. What strategy helped you compare decimals most effectively? Explain why it was helpful.

4. 0.500 is greater than 0.5.

- True False

5. How does precision matter in real-world measurements? Provide an example.

6. What is the first step in comparing two decimals?

- A. Add them together
- B. Align the decimal points
- C. Look at the first digit

7. According to Proverbs 11:1, a false balance is an ____ to Yahweh.

8. Comparing decimals only requires looking at the first digit to the left of the decimal point.

- True False

9. Explain how you can use place value understanding to determine the magnitude of decimals.

10. Which decimal is smaller?

- A. 0.456
- B. 0.465
- C. 0.4567

Answer Key

1. 0.354 2. digit 3. Aligning the decimal points was helpful because it made it easier to see which digits matched up and which one was larger. 4. False 5. Precision is important because small differences can affect results, like in cooking where measuring ingredients accurately can change the dish's outcome. 6. Align the decimal points 7. abomination 8. False 9. By looking at each digit from left to right and knowing that each place represents a different value, I can tell which decimal is larger. 10. 0.456