

Estimation and Reasonableness Review

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4th Grade Math

Name: _____

Date: _____

Answer the following questions based on what you learned about estimation and multiplication strategies.

1. What rounding strategy worked best today?

- A. Rounding to the nearest hundred
- B. Rounding to the nearest ten
- C. Rounding to the nearest thousand

2. Estimation helps us catch calculation errors.

- True False

3. Why is estimation important in real-world math?

4. We can multiply rounded numbers ____ to find an estimated product.

5. How do we verify if our multiplication answer is reasonable?

- A. By comparing it to our estimate
- B. By checking it with a calculator
- C. By asking a friend

6. How close were our estimates to actual answers? Provide an example.

7. Estimation is not a useful skill in math.

- True False

8. What is one benefit of developing critical thinking skills in problem-solving?

- A. It helps us do homework faster
- B. It allows us to understand math better
- C. It makes math easier

9. Proverbs 16:16 teaches us that getting wisdom is better than getting ____.

10. What is one way you can practice estimation at home?

Answer Key

1. Rounding to the nearest ten 2. True 3. Estimation is important because it helps us make quick calculations and check if our answers are reasonable. 4. quickly 5. By comparing it to our estimate 6. Our estimates were usually within 10 of the actual answers. For example, if we estimated 30×40 to be 1200, the actual answer was 1200. 7. False 8. It allows us to understand math better 9. gold 10. I can estimate the total cost of groceries while shopping by rounding the prices.