

Estimation and Accuracy Challenge Review

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Multi-Digit Multiplication

Name: _____

Date: _____

Answer the following questions based on the lesson about estimation and accuracy in multiplication.

1. What did you learn about estimation today?

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

- A. It helps us get exact answers.
- B. It allows us to quickly gauge answers and make decisions.
- C. It is not important.

3. Rounding numbers is a technique used for estimation.

- True False

4. To check if our multiplication makes sense, we can use ____ to see if our answers are reasonable.

5. What does Proverbs 22:29 teach us about skill in our work?

- A. It is not important.
- B. Skilled workers will be recognized.
- C. Everyone is equal regardless of skill.

6. How can we quickly check if our multiplication makes sense?

7. Estimation only applies to addition and subtraction, not multiplication.

- True False

8. Developing mathematical precision helps us be ____ in our calculations.

9. Which of the following is a quick mental multiplication strategy?

- A. Using a calculator
- B. Multiplying by breaking numbers into parts
- C. Adding numbers together

10. In what ways can estimation help us in real life?

Answer Key

1. I learned that estimation helps us quickly find approximate answers and check our work for reasonableness. 2. It allows us to quickly gauge answers and make decisions. 3. True 4. estimation 5. Skilled workers will be recognized. 6. We can round the numbers and multiply the rounded values to see if the answer is close to what we got. 7. False 8. accurate 9. Multiplying by breaking numbers into parts 10. Estimation can help us budget money, plan time, and make quick calculations without needing a calculator.