

Estimating Decimal Multiplication

BibleMouse.com

Review Your Understanding

Name: _____

Date: _____

Answer the following questions based on what you've learned about estimating decimal multiplication.

1. What strategy did we use for estimation in decimal multiplication?

- A. Rounding to the nearest whole number
- B. Adding the decimals
- C. Subtracting the decimals

2. Why is checking our work important in mathematics?

3. Estimation can help us catch calculation errors.

- True False

4. Every prudent man acts with _____, but a fool displays folly.

5. How does rounding help us with decimal multiplication?

- A. It makes numbers bigger
- B. It simplifies calculations
- C. It makes numbers smaller

6. Explain how you can verify your calculated results against your estimates.

7. Estimation is not useful for checking work in math.

- True False

8. Developing _____ wisdom involves careful checking and preparation.

9. What is one benefit of using estimation before calculation?

- A. It guarantees the answer is correct
- B. It helps to identify unreasonable answers
- C. It allows us to skip calculations

10. In your own words, describe how estimation can be applied in real life situations.

Answer Key

1. Rounding to the nearest whole number 2. Checking our work helps ensure that we did not make any mistakes. It also confirms that our answers are reasonable. 3. True 4. knowledge 5. It simplifies calculations 6. I can compare the actual product of the multiplication to my estimated product. If they are close, I know my calculation is likely correct. 7. False 8. mathematical 9. It helps to identify unreasonable answers 10. Estimation can help us make quick decisions, like figuring out how much money we need for groceries or how much time a trip might take.