

Understanding Fractions, Decimals, and Percents

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Math Connections Review

Name: _____

Date: _____

Answer the following questions based on what you learned about fractions, decimals, and percentages.

1. What represents parts of a whole?

- A. Decimals
- B. Fractions
- C. Percentages

2. Decimals are another way to show ____ amounts.

3. Percentages represent parts per thousand.

- True False

4. Explain how fractions, decimals, and percentages are related. Provide examples if possible.

5. Which method helps in converting between fractions, decimals, and percentages?

- A. Multiplication only
- B. Visual mapping
- C. Addition only

6. To convert a decimal to a percentage, you multiply by ____.

7. A skilled person in their work will be recognized according to Proverbs 22:29.

- True False

8. Why is it important to master conversions between fractions, decimals, and percentages?

9. What is 0.75 as a percentage?

- A. 75%
- B. 7.5%
- C. 0.75%

10. Fractions, decimals, and percentages are different representations of ____.

Answer Key

1. Fractions 2. fractional 3. False 4. Fractions, decimals, and percentages all represent parts of a whole. For example, $\frac{1}{2}$ is a fraction, 0.5 is the decimal equivalent, and 50% is the percentage. They can be converted into each other easily. 5. Visual mapping 6. 100 7. True 8. Mastering these conversions is important because they are used in everyday life, such as in shopping, cooking, and budgeting. It also helps in understanding mathematical concepts better. 9. 75% 10. the same value