

Review of Adding Fractions

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Understanding the Process of Adding Fractions with Unlike Denominators

Name: _____

Date: _____

Answer the following questions based on what you've learned about adding fractions.

1. What is the first step in adding fractions with unlike denominators?

- A. Add the numerators
- B. Find the common denominator
- C. Simplify the fraction

2. Explain why finding a common denominator is important when adding fractions.

3. To add fractions, we must convert them to equivalent fractions with a common ____.

4. You can add fractions without finding a common denominator.

- True False

5. What pattern do you see in converting fractions to a common denominator? Provide an example.

6. What do you do with the numerators after finding the common denominator?

- A. Ignore them
- B. Multiply them
- C. Add them together

7. What do you do after adding the numerators? Circle the correct answer.

Simplify the fraction

Convert back to improper fractions

Multiply the result

8. Adding fractions is like solving a puzzle because you must fit the pieces together.

- True False

9. How does God's order relate to the process of adding fractions?

10. After adding the numerators, if possible, we should ____ the resulting fraction.

Answer Key

1. Find the common denominator 2. Finding a common denominator is important because it allows us to combine the fractions accurately. Without it, we cannot add the fractions correctly. 3. denominator 4. False 5. The pattern is that we multiply each fraction by a form of 1 to make the denominators the same. For example, to add $\frac{1}{3}$ and $\frac{1}{4}$, we can use 12 as the common denominator. We convert $\frac{1}{3}$ to $\frac{4}{12}$ and $\frac{1}{4}$ to $\frac{3}{12}$. 6. Add them together 7. Simplify the fraction 8. True 9. God's order relates to adding fractions because just as we create order by finding common denominators, God brings order to our lives through His perfect plan. Both require careful steps to achieve a complete picture. 10. simplify