

Review of Multiplying Mixed Numbers

BibleMouse.com

Understanding Mixed Numbers and Improper Fractions

Name: _____

Date: _____

Answer the following questions based on the lesson about multiplying mixed numbers.

- What is the first step to multiply mixed numbers?
 - Convert to improper fractions
 - Add the mixed numbers
 - Multiply the whole numbers
- Explain why we convert mixed numbers to improper fractions before multiplying.

- The mixed number $2 \frac{1}{2}$ converts to the improper fraction ____.
- We do not need to convert mixed numbers before multiplying them.
 True False
- What does the formula for converting a mixed number look like?
 - $(\text{whole} \times \text{numerator}) + \text{denominator}$
 - $(\text{whole} \times \text{denominator}) + \text{numerator}$
 - numerator over whole
- What are the two main steps involved in multiplying mixed numbers?

- To multiply fractions, we multiply the ____ and the ____ separately.
- Demonstrating perseverance in solving math problems is important.
 True False
- How does multiplying mixed numbers relate to our previous work with fractions?
 - It is completely different
 - It uses the same principles of multiplying fractions
 - It is easier than multiplying fractions
- According to Proverbs 22:29, what does being skilled in your work lead to?

Answer Key

1. Convert to improper fractions 2. We convert mixed numbers to improper fractions to make the multiplication easier and more accurate. 3. $\frac{5}{2}$ 4. False 5. $(\text{whole} \times \text{denominator}) + \text{numerator}$ 6. First, convert the mixed numbers to improper fractions. Then, multiply the improper fractions. 7. numerators, denominators 8. True 9. It uses the same principles of multiplying fractions 10. Being skilled in your work can lead to great opportunities, like standing before kings.
