

Equation Writing Answer Key

1. $\frac{3}{4} \times 16 = 12$
2. $\frac{2}{5} \times 25 = 10$
3. $\frac{5}{6} \times 18 = 15$
4. $\frac{1}{3} \times 27 = 9$
5. $\frac{7}{8} \times 24 = 21$
6. $\frac{2}{7} \times 21 = 6$
7. $\frac{4}{9} \times 36 = 16$
8. $\frac{3}{10} \times 40 = 12$
9. $\frac{5}{12} \times 48 = 20$
10. $\frac{1}{2} \times 26 = 13$

Teacher's Guide

- Model the first problem by identifying the fraction, writing the multiplication equation, and then solving.
- Remind students that "of" means multiply when finding a fraction of a number.
- Allow students to use fraction bars or drawings if they need visual support before writing equations.
- Have pairs compare equations before checking answers to reinforce correct mathematical notation.
- Challenge students to create two new fraction-of-a-number problems for a classmate to write as equations and solve.
- Encourage students to explain why the equation correctly represents each problem before calculating the answer.