

Equation Creator Answer Key

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| 1. Equation: $\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$
Answer: $\frac{3}{5}$ | 5. Equation: $\frac{3}{10} + \frac{4}{10} = \frac{7}{10}$
Answer: $\frac{7}{10}$ |
| 2. Equation: $1 - \frac{3}{8} = \frac{5}{8}$
Answer: $\frac{5}{8}$ | 6. Equation: $2\frac{1}{4} - \frac{3}{4} = 1\frac{1}{2}$
Answer: $1\frac{1}{2}$ feet |
| 3. Equation: $2 \times \frac{3}{4} = 1\frac{1}{2}$
Answer: $1\frac{1}{2}$ cups | 7. Equation: $24 \times \frac{1}{6} = 4$
Answer: 4 flowers |
| 4. Equation: $\frac{5}{6} \div \frac{1}{6} = 5$
Answer: 5 pieces | 8. Equation: $3 \div \frac{1}{2} = 6$
Answer: 6 pieces |

Teacher's Guide

- Quick implementation tips
 - Encourage students to identify the important numbers before writing the equation.
 - Ask students to decide on the operation before solving.
 - Remind students to include units in their final answers when appropriate.
- Differentiation strategies
 - Provide an operation word bank with clues such as "altogether," "left," "of," and "each."
 - Let students work in pairs to discuss the equation before solving.
 - Challenge advanced students to write a matching word problem for one of the equations.
- Engagement ideas
 - Have students compare equations with a partner and explain why they chose each operation.
 - Invite volunteers to share different ways they recognized the correct equation.
- Extension activities
 - Ask students to rewrite one problem using different numbers while keeping the same equation structure.
 - Have students create an equation first, then write a matching fraction word problem.