

Fraction Errors Answer Key

1. Mistake: The denominators were added. Correct answer: $\frac{3}{5}$
2. Mistake: The denominators were added. Correct answer: $\frac{5}{8}$
3. Mistake: The numerators were not added. Correct answer: $\frac{5}{6}$
4. Mistake: The numerators were added incorrectly. Correct answer: $\frac{8}{10}$
5. Mistake: The denominators were added. Correct answer: $\frac{6}{7}$
6. Mistake: The numerator was not added correctly. Correct answer: $\frac{3}{4}$
7. Mistake: The denominators were added. Correct answer: $\frac{8}{9}$
8. Mistake: The numerators were added incorrectly. Correct answer: $\frac{9}{12}$

Teacher's Guide

- Review that when adding fractions with like denominators, only the numerators are added and the denominator stays the same.
- Encourage students to explain the error before writing the correct answer.
- Model the first problem together, then have students complete the rest independently or with a partner.
- Support struggling students with fraction strips or fraction bars to verify the correct sums.
- Invite pairs of students to compare explanations and discuss why each mistake is incorrect.
- Extend the activity by asking students to create one incorrect fraction addition problem for a classmate to analyze and correct.