

Spot And Correct Answer Key

1. Error: $1/6$ was renamed incorrectly.
Correct: $3/4 - 1/6 = 9/12 - 2/12 = 7/12$
2. Error: $1/2 = 4/8$, not $2/8$.
Correct: $5/8 - 4/8 = 1/8$
3. Error: $1/4 = 3/12$, not $8/12$.
Correct: $2/3 - 1/4 = 8/12 - 3/12 = 5/12$
4. Error: $5/6$ was renamed incorrectly.
Correct: $5/6 - 1/3 = 5/6 - 2/6 = 3/6 = 1/2$
5. Error: Subtraction is incorrect.
Correct: $6/10 - 5/10 = 1/10$
6. Error: $1/5 = 4/20$, but $7/10$ should stay in tenths or both should use 10 as the LCD.
Correct: $7/10 - 1/5 = 7/10 - 2/10 = 5/10 = 1/2$
7. Error: Difference is incorrect.
Correct: $8/18 - 3/18 = 5/18$
8. Error: Simplified answer is incorrect.
Correct: $22/24 - 3/24 = 19/24$

Teacher's Guide

- Model one example and discuss why the mistake changes the final answer.
- Encourage students to check each step in order: LCD, equivalent fractions, subtraction, then simplification.
- Have students explain the error before correcting it to strengthen reasoning.
- Pair students to compare where they found the mistake and justify their thinking.
- Challenge early finishers to create a subtraction problem with one intentional error for a classmate to solve.
- Reinforce that checking each step is often easier than checking only the final answer.