

Grade 4 Math Worksheet: Addition and subtraction of like fractions: Difficulty Level - Intermediate

Name: _____

Date: _____

Instructions: Solve the following problems. Simplify your answers if needed.

Part A: Addition of Like Fractions

1. $\frac{5}{8} + \frac{3}{8} =$ _____
2. $\frac{7}{12} + \frac{2}{12} =$ _____
3. $\frac{4}{9} + \frac{5}{9} =$ _____
4. $\frac{9}{15} + \frac{4}{15} =$ _____
5. $\frac{6}{11} + \frac{3}{11} =$ _____

Part B: Subtraction of Like Fractions

6. $\frac{11}{15} - \frac{7}{15} =$ _____
7. $\frac{8}{12} - \frac{5}{12} =$ _____
8. $\frac{9}{10} - \frac{3}{10} =$ _____
9. $\frac{15}{16} - \frac{8}{16} =$ _____
10. $\frac{7}{14} - \frac{3}{14} =$ _____

Part C: Mixed Addition and Subtraction

11. $\frac{10}{15} + \frac{4}{15} - \frac{6}{15} =$ _____
12. $\frac{7}{9} - \frac{3}{9} + \frac{2}{9} =$ _____
13. $\frac{5}{8} + \frac{3}{8} - \frac{4}{8} =$ _____
14. $\frac{12}{20} + \frac{5}{20} - \frac{6}{20} =$ _____
15. $\frac{9}{12} - \frac{4}{12} + \frac{1}{12} =$ _____

Part D: Word Problems

16. **Problem:** Sally has $\frac{3}{7}$ of a pizza. She buys another $\frac{2}{7}$ of a pizza. How much pizza does she have in total?

Answer: _____

17. **Problem:** Jake had $\frac{9}{13}$ of a yard of fabric. He used $\frac{4}{13}$ for a project. How much fabric does he have left?

Answer: _____

18. **Problem:** A recipe requires $\frac{5}{8}$ cup of sugar. Jane already added $\frac{2}{8}$ cup. How much more sugar does she need to add?

Answer: _____

Challenge Question:

19. $\frac{14}{21} - \frac{6}{21} + \frac{5}{21} =$ _____

—BE CHAMPION—