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

Name: _____

Date: _____

Instructions: Solve the following problems. Simplify your answers if needed and show your work where possible.

Part A: Addition of Like Fractions

1. 21/28 + 15/28 = _____
2. 19/25 + 6/25 = _____
3. 23/30 + 5/30 = _____
4. 14/21 + 11/21 = _____
5. 27/36 + 7/36 = _____

Part B: Subtraction of Like Fractions

6. 29/40 - 17/40 = _____

7. 22/35 - 9/35 = _____

8. 31/48 - 14/48 = _____

9. 25/32 - 13/32 = _____

10. 33/50 - 19/50 = _____

Part C: Mixed Addition and Subtraction

11. 37/56 + 9/56 - 15/56 = _____

12. 28/42 - 11/42 + 5/42 = _____

13. 44/60 + 8/60 - 21/60 = _____

14. 39/64 - 14/64 + 10/64 = _____

15. 50/72 - 25/72 + 9/72 = _____

Part D: Word Problems:

16. **Problem:** A tank holds 45/60 of its capacity in water. If 18/60 is used for washing, how much water is left?
Answer: _____

17. **Problem:** A ribbon roll originally had 27/36 meters. After using 10/36 meters, how much is left on the roll?
Answer: _____

18. **Problem:** A fruit basket contains 32/40 of apples. If 7/40 are given away to friends, how many apples are left in the basket?
Answer: _____

Challenge Question:

19. 56/75 - 23/75 + 17/75 = _____

—BE CHAMPION—