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.

Part A: Addition of Like Fractions

1. 24/35 + 6/35 = _____
2. 17/25 + 8/25 = _____
3. 29/40 + 9/40 = _____
4. 14/21 + 5/21 = _____
5. 19/30 + 11/30 = _____

Part B: Subtraction of Like Fractions

6. 39/50 - 13/50 = _____

7. 44/60 - 18/60 = _____

8. 30/45 - 12/45 = _____

9. 26/40 - 9/40 = _____

10. 51/72 - 23/72 = _____

Part C: Mixed Addition and Subtraction

11. 43/64 + 15/64 - 19/64 = _____

12. 36/50 - 11/50 + 9/50 = _____

13. 29/48 + 7/48 - 14/48 = _____

14. 55/80 - 25/80 + 10/80 = _____

15. 60/90 + 12/90 - 18/90 = _____

Part D: Word Problems

16. **Problem:** A large water tank holds 34/45 of its capacity in water. If 14/45 is used for irrigation, how much water remains in the tank?
Answer: _____

17.**Problem:** A recipe calls for 26/32 cups of sugar. If 9/32 cups are already used, how much more is needed?
Answer: _____

18.**Problem:** A student completed 28/40 of his homework. If he finished another 6/40 later, how much of his homework has he completed in total?
Answer: _____

Challenge Question: 19. 63/84 - 27/84 + 15/84 = _____

—BE CHAMPION—