

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. $19/30 + 7/30 =$ _____
2. $22/35 + 8/35 =$ _____
3. $31/45 + 5/45 =$ _____
4. $26/40 + 9/40 =$ _____
5. $33/50 + 4/50 =$ _____

Part B: Subtraction of Like Fractions 6. $41/60 - 17/60 =$ _____ 7. $29/36 - 14/36 =$ _____
8. $34/56 - 15/56 =$ _____ 9. $28/42 - 9/42 =$ _____ 10. $47/72 - 19/72 =$ _____

Part C: Mixed Addition and Subtraction 11. $44/63 + 12/63 - 18/63 =$ _____ 12. $35/50 - 10/50 + 7/50 =$ _____
13. $29/40 + 8/40 - 15/40 =$ _____ 14. $50/75 - 20/75 + 12/75 =$ _____
15. $61/90 + 11/90 - 22/90 =$ _____

Part D: Word Problems

16. **Problem:** A car's fuel tank is filled with $45/60$ of its total capacity. If $18/60$ is used during a trip, how much fuel remains in the tank?

Answer: _____

17. **Problem:** A classroom project used $25/32$ of a piece of cardboard. If $11/32$ was used to make a poster, how much cardboard is left?

Answer: _____

17. **Problem:** A farmer harvested $30/45$ of his crop. If he sold $12/45$ at the market, how much of the crop does he still have?

Answer: _____

Challenge Question:

19. $\frac{48}{70} - \frac{22}{70} + \frac{16}{70} =$ _____

—BE CHAMPION—