



Adding Algebraic Fractions



Simplify the following expressions:

1. $\frac{x}{2} + \frac{x}{3}$

2. $\frac{x}{4} - \frac{x}{5}$

3. $\frac{3x}{2} + \frac{5x}{7}$

4. $\frac{4x}{3} - \frac{3x}{5} + \frac{x}{2}$

5. $\frac{x+1}{2} + \frac{x+4}{3}$

6. $\frac{x+5}{4} - x + 23$

7. $\frac{3x+2}{7} + \frac{2x-1}{4}$

8. $\frac{x-4}{2} + \frac{4x-5}{5}$

9. $\frac{3+2x}{4} - \frac{5x}{3}$

10. $3x + \frac{2x-5}{4}$

11. $\frac{7x-5}{3} + 2x - 6$

12. $\frac{x+2}{3} + \frac{2x-3}{4} - \frac{x}{2}$

13. $\frac{4x+5}{3} - \frac{2x-3}{7} - \frac{x+2}{2}$

14. $2x + \frac{5-x}{6} - \frac{3-2x}{3}$

15. $\frac{5x+5}{8} + \frac{3+2x}{6} - \frac{4}{3}$





16. $\frac{2x+7}{4} - \frac{3x-8}{9} + \frac{x+2}{12}$

17. $\frac{9x-2}{2} + \frac{4x+7}{8} - \frac{2x+1}{5}$

18. $x + \frac{x}{2} + \frac{x}{3} + \frac{x}{4}$

19. $\frac{x}{2} - \frac{2x}{3} + \frac{3x}{4} - \frac{4x}{5}$

20. $\frac{x-2}{7} + \frac{6x+5}{2} - \frac{5x+4}{3} + 1$

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