

Math III Adding and Subtracting Rationals with LIKE DENOMINATORS

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

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

3. $\frac{8}{x} + \frac{x+9}{x}$

4. $\frac{3x-8}{4x} + \frac{-x+8}{4x}$

5. $\frac{3x-6}{24x} + \frac{3x+6}{24x}$

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

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

8. $\frac{8}{3(x+8)} + \frac{4}{3(x+8)}$

9. $\frac{3}{2(x-9)} + \frac{9}{2(x-9)}$

10. $\frac{7}{3(x-1)} + \frac{5}{3(x-1)}$

11. $\frac{4x+7}{x+5} - \frac{x-6}{x+5}$

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

13. $\frac{5x+1}{x^2-64} - \frac{4x-7}{x^2-64}$

14. $\frac{2x^2+7x-3}{x^2+4x-12} - \frac{2x^2+6x-1}{x^2+4x-12}$

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

16. $\frac{5x-4}{x^2-6x-7} + \frac{5-4x}{x^2-6x-7}$

17. $\frac{3x-8}{x^2-9} - \frac{2x-5}{x^2-9}$

18. $\frac{4x-7}{x^2-25} - \frac{3x-2}{x^2-25}$

1	2	3
4	5	6
7	8	9

10	11	12
13	14	15
16	17	18