

Adding and Subtracting Rationals

1. $\frac{x+7}{11} + \frac{x+6}{11}$

2. $\frac{x+5}{13} + \frac{x+2}{13}$

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

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

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

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

7. $\frac{7}{x} + \frac{11}{x}$

8. $\frac{3}{x} + \frac{15}{x}$

9. $\frac{x}{x-4} - \frac{9}{x-4}$

10. $\frac{x}{x-5} - \frac{7}{x-5}$

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

12. $\frac{x+8}{7} + \frac{9}{3}$

13. $\frac{x+7}{4} - \frac{9}{5}$

14. $\frac{x+11}{6} - \frac{8}{5}$

15. $\frac{5}{x+1} + \frac{3}{x}$

16. $\frac{2}{x+4} + \frac{5}{x}$

17. $\frac{x}{x+3} - \frac{1}{x-1}$

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

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

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

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

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

23. $\frac{3}{2x^2-2x} - \frac{5}{2x-2}$

24. $\frac{8}{3x^2-15x} - \frac{3}{2x-10}$

25. $\frac{3x}{x^2-9} + \frac{x}{x+3}$

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

27. $\frac{6}{x+4} - \frac{2}{3x+12}$

28. $\frac{x}{x-3} - \frac{5}{4x-12}$

29. $\frac{3}{x+2} + \frac{7}{(x+2)^2}$

30. $\frac{5}{x-1} + \frac{2}{(x-1)^2}$

31. $\frac{3x}{4x-20} + \frac{9x}{6x-30}$

32. $\frac{4x}{5x-10} + \frac{3x}{10x-20}$

33. $\frac{3x}{x^2-4x+4} + \frac{10}{x^2+x-6}$

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

$$35. \frac{x}{x^2+5x+6} - \frac{2}{x^2+3x+2}$$

$$37. \frac{3}{x^2-9} + \frac{2}{x^2-x-6}$$

$$39. \frac{x+4}{x-2} - \frac{x-7}{x+5}$$

$$41. \frac{x}{x^2-25} + \frac{3}{5-x}$$

$$36. \frac{x}{x^2+9x+20} - \frac{4}{x^2+7x+12}$$

$$38. \frac{2x}{x^2-1} + \frac{1}{x^2+x}$$

$$40. \frac{x+3}{x-2} - \frac{x-7}{x+1}$$

$$42. \frac{x}{x-4} - \frac{3}{16-x^2}$$