

Addition and Subtraction Of Rational Expressions Having Different Denominators

1. $\frac{7x}{12y} - \frac{4y}{15x}$
2. $\frac{3a}{8b^2} + \frac{5a}{16b}$
3. $\frac{5x}{(2x+y)} - \frac{3x}{(3x-2y)}$
4. $\frac{2x+y}{15x} - \frac{x-2y}{10y}$
5. $\frac{m+2n}{m^2-n^2} - \frac{3}{m+n}$
6. $\frac{5}{3x+y} - \frac{2}{9x^2-y^2}$
7. $\frac{x+4}{3x^2-4x-4} - \frac{x-1}{3x^2+8x+4}$
8. $\frac{x+6y}{2x^2+5xy-3y^2} - \frac{x-7y}{2x^2-9xy+4y^2}$
9. $\frac{10x+13}{3x^2-x-10} + \frac{5x+7}{3x^2+14x+15}$
10. $\frac{7x+23}{2x^2-x-10} - \frac{7x+41}{6x^2-17x+5}$
11. $\frac{2x-5}{x^2+3x} - \frac{1}{x+3}$
12. $\frac{4x-7}{x^2-7x} - \frac{4x+47}{3x^2-17x-28}$
13. $\frac{2}{2x-3} - \frac{2x+9}{4x^2-9}$
14. $\frac{7}{x^2-4} + \frac{x-9}{4(x-2)}$
15. $\frac{5-t}{7(2+t)} - \frac{4}{4-t^2}$
16. $\frac{x+3}{x^2+10x+24} + \frac{x}{x^2-16}$
17. $3 + \frac{4x}{x-6}$
18. $5 - \frac{25}{x+5}$
19. $x - 4 + \frac{16}{x+4}$
20. $\frac{8x+5}{4x-5} - 2$
21. $2x + 3 - \frac{4x^2}{2x-3}$
22. $\frac{10x^2-3}{2x+7} - 5a - 2$
23. $x^2 - 2x + 4 - \frac{x^2+7}{x+2}$
24. $x - 5 + \frac{2x+15}{x+3}$
25. $\frac{12x+8}{3x-2} + 3x + 2$
26. $\frac{t+6}{5(t-4)} - \frac{t-6}{5(t+4)}$
27. $\frac{3a+2}{9a^2+15a} - \frac{3a-2}{9a^2-15a}$
28. $\frac{1}{x-3} + \frac{x}{x^2-9} - \frac{3x}{x^3-27}$
29. $\frac{2x+y}{2(4x+3y)} + \frac{2x-y}{2(4x-3y)} + \frac{5xy}{16x^2-9y^2}$
30. $\frac{4x-6}{2x^2+7x-15} + \frac{3x-6}{25-x^2} - \frac{2-x}{x^2-7x+10}$