3. Bez Bruchterme + / - AB 6

1. $\frac{2a}{(a-2x)(a+2x)} - \frac{1}{a-2x} =$

2. $\frac{6m}{9m^2-1} - \frac{1}{3m-1} =$

3. $\frac{x}{ax-a} + \frac{1-x^2}{ax^2-a} =$

4. $\frac{1}{a-3} - \frac{5}{a^2-a-6} =$

5. $\frac{3x-8}{x^2-6x+8} - \frac{2}{x-2} =$

6. $\frac{2m-2}{m^2-2m-15} - \frac{1}{m-5} =$

7. $\frac{m+2}{m^2-10m+24} + \frac{3}{m-4} =$

8. $\frac{3}{x-y} + \frac{y-3x}{x^2-y^2} =$

9. $\frac{x}{x-y} - \frac{y}{x+y} - \frac{2y^2}{x^2-y^2} =$

10. $\frac{x}{x+y} + \frac{y}{x-y} - \frac{x^2}{x^2-y^2} =$

11. $\frac{2a}{a-3} + \frac{3a^2-20a-3}{a^2-9} - \frac{5a}{a+3} =$

12. $\frac{4a^2-5a+3}{a^2-9} - \frac{3a}{a+3} - \frac{a}{a-3} =$

13. $\frac{2-2a}{2a+6} - \frac{6a-2}{a^2+a-6} + 1 =$

14. $\frac{a}{a-2} - \frac{a+4}{a+2} - \frac{10-a}{a^2-4} =$

15. $\frac{2a^2-9a+11}{a^2-5a+6} - \frac{2a-4}{a-3} + \frac{2a+5}{a^2-2a} =$

16. $\frac{a-2}{2a+6} - \frac{a}{a-2} + \frac{6a-2}{a^2+a-6} =$

17. $\frac{2a+b}{a-b} - \frac{a-2b}{a+b} + \frac{2b(b-2a)}{a^2-b^2} =$

18. $\frac{3ab+b^2}{2a-5b} + \frac{b}{2} + \frac{17b^2}{10b-4a} =$

19. $\frac{3}{a+2} - \frac{4}{a+5} - \frac{5-2a}{a^2+7a+10} =$

20. $\frac{9+11a-3a^2}{a^2-7a+12} + \frac{5a}{a-3} - \frac{2a}{a-4} =$

21. $\frac{2a+b}{4a-2b} + \frac{4a^2-4ab-b^2}{4a^2-b^2} - 1 =$

22. $\frac{x-2}{3x-2} - \frac{x+3}{6x+4} - \frac{3x^2-12}{18x^2-8} =$

23. $\frac{1}{c+1} + \frac{6}{c^2-c-2} - \frac{2}{c^2-1} =$

24. $\frac{a+1}{2a-1} - \frac{2a}{2a+1} + \frac{7a-2a^2}{1-4a^2} =$