

$$1. \frac{4}{x} + \frac{1}{x} =$$

$$2. \frac{7}{p} + \frac{2a}{p} =$$

$$3. \frac{2a}{cd^2} + \frac{3b}{cd^2} =$$

$$4. \frac{3a}{y} - \frac{a}{y} =$$

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

$$6. \frac{7p^2}{qr^2} - \frac{3p}{qr^2} =$$

$$7. \frac{4}{x} + \frac{3}{y} =$$

$$8. \frac{4}{m} + \frac{2}{5} =$$

$$9. \frac{3r}{s} - \frac{u}{3t} =$$

$$10. \frac{2x}{5y} - \frac{3d^2}{x^3} =$$

$$11. \frac{3}{5a} + \frac{b}{2a-b} =$$

$$12. \frac{a}{a-3} + \frac{5}{a+3} =$$

$$13. \frac{5}{x} - \frac{4}{xy} =$$

$$14. \frac{t}{12r} + \frac{7}{6} =$$

$$15. \frac{4}{3r} - \frac{5}{r^2} =$$

$$16. \frac{x}{6y} + \frac{x}{9y} =$$

$$17. \frac{2p}{mn} + \frac{5}{n^2} =$$

$$18. \frac{10}{a^2b} - \frac{2}{ab^2} =$$

$$19. \frac{3}{rs^3} - \frac{7}{3rs^2} =$$

$$20. \frac{m}{n^3} - \frac{1}{2n^2m^2} =$$

$$21. \frac{2}{a(a-2)} + \frac{1}{2(a-2)} =$$

$$22. \frac{a+3}{a-3} - \frac{a-3}{a+3} =$$

$$23. \frac{5y}{x-1} - \frac{3}{1-x} =$$

$$24. \frac{4}{3a+3b} + \frac{3}{2(a+b)^2} =$$

$$25. \frac{2}{x} + \frac{y}{x-3} - \frac{x}{3} =$$

$$26. \frac{a}{a-b} - \frac{b}{a+b} =$$

$$27. \frac{p+q}{p-q} - \frac{2pq}{p^2-q^2} =$$

$$28. \frac{3}{2x-1} - \frac{x^2}{4x^2-1} =$$

$$29. 1 - \frac{2}{y} + \frac{1}{y^2} =$$

$$30. \frac{2}{z+3} - \frac{z+1}{z^2-4} - \frac{z+2}{(z-2)(z+3)} =$$

$$31. \frac{3}{a} - \frac{4b}{a^2} + \frac{3a}{2bc} =$$

$$32. \frac{1}{1-x} + \frac{x+1}{x^2-x} + \frac{1}{x+1} =$$

$$33. \frac{2}{a-1} - \frac{1}{a+3} =$$

$$34. \frac{2y}{y-2} + \frac{y}{4-2y} =$$

$$35. \frac{z-1}{z+1} + \frac{z+1}{z-1} - \frac{2z^2+1}{z^2-1} =$$

$$36. \frac{3x}{x+1} - \frac{x+2}{x-1} - \frac{6}{x^2-1} =$$

$$37. \frac{1}{y-3} - \frac{y-1}{3y-y^2} =$$

$$38. \frac{4}{z-1} - \frac{z}{z^2-z} =$$

$$39. \frac{1+b}{b^2-1} - \frac{1-b}{(b-1)^2} =$$

$$40. \frac{b^2}{(b+1)^2} - \frac{b}{b+1} =$$