SOLUCIONES FRACCIONES ALGEBRAICAS

1. $\frac{1-2a}{3+6a}$	**17.** $\frac{1}{x^2+1}$	**33.** $\frac{2x+9}{x^2-x-6}$	**49.** $\frac{x^3-3x^2+2x}{x^2+4x+3}$
2. $\frac{1}{xy}$	**18.** $\frac{2x^2}{x-3}$	**34.** $\frac{2x-5}{x^2-9}$	**50.** $\frac{x^2+5x+6}{x^2-5x+6}$
3. $\frac{b}{2a}$	**19.** $\frac{b}{3+2a}$	**35.** $\frac{a^3}{b^4}$	**51.** $\frac{1}{x}$
4. $\frac{2-2x}{x+x^2}$	**20.** $x-2$	**36.** $\frac{x^2+2x+1}{x^4-x^3}$	**52.** $2x+2$
5. $\frac{1}{x^2y}$	**21.** $\frac{z-3}{2z+6}$	**37.** $\frac{a^3c}{b}$	**53.** $\frac{x^2+3x-2}{x^2-3x-2}$
6. $\frac{3}{2}$	**22.** $\frac{b}{a+x}$	**38.** $\frac{x^2+1}{x^2-2x+1}$	**54.** $\frac{b-a}{b^2}$
7. $\frac{3x+6}{5x-5}$	**23.** $\frac{1}{1-ab}$	**39.** 1	**55.** $\frac{2x-2}{x^2}$
8. $\frac{2x^2}{a}$	**24.** $\frac{a-b}{3}$	**40.** $\frac{xy+x}{xy+y}$	**56.** $\frac{3x-3}{2x+4}$
9. $\frac{5x^3-5x^2+10}{x^2-3x+1}$	**25.** $\frac{6-b}{2a}$	**41.** $\frac{cd}{ab}$	**57.** $\frac{2x}{x^2+x-6}$
10. $\frac{ba-b}{a^3b-a^3}$	**26.** $\frac{2x+1}{4x-2}$	**42.** $\frac{ac}{bd}$	**58.** $\frac{1}{a-b}$
11. $\frac{1}{2ab}$	**27.** $\frac{1-x^3y^3}{x^5y^5}$	**43.** $\frac{x+1}{x^2+4x+4}$	**59.** $3x$
12. $\frac{x}{x+1}$	**28.** $\frac{3a}{2b}$	**44.** $\frac{-6}{x^2-9}$	**60.** $\frac{x}{y}$
13. $\frac{x+1}{x-1}$	**29.** $\frac{1+a-b}{ab}$	**45.** $\frac{-3x+5}{2x^2+2x}$	**61.** $\frac{x^3+5x+18}{x^3-4x}$
14. $\frac{x-1}{x+1}$	**30.** $\frac{xy+y+x^2}{x^2y^2}$	**46.** $\frac{-x^2-4x+1}{x^4-2x^2+1}$	**62.** $\frac{x^2+1}{x^2-1}$
15. $\frac{3}{x+3}$	**31.** $\frac{-1}{x^2-x}$	**47.** $\frac{2}{x+1}$	**63.** $\frac{-1}{xy}$
16. $\frac{5}{3x^2+6x}$	**32.** $\frac{-4}{x^2-4}$	**48.** $\frac{1}{x^2+5x+6}$	**64.** $\frac{1}{3x}$