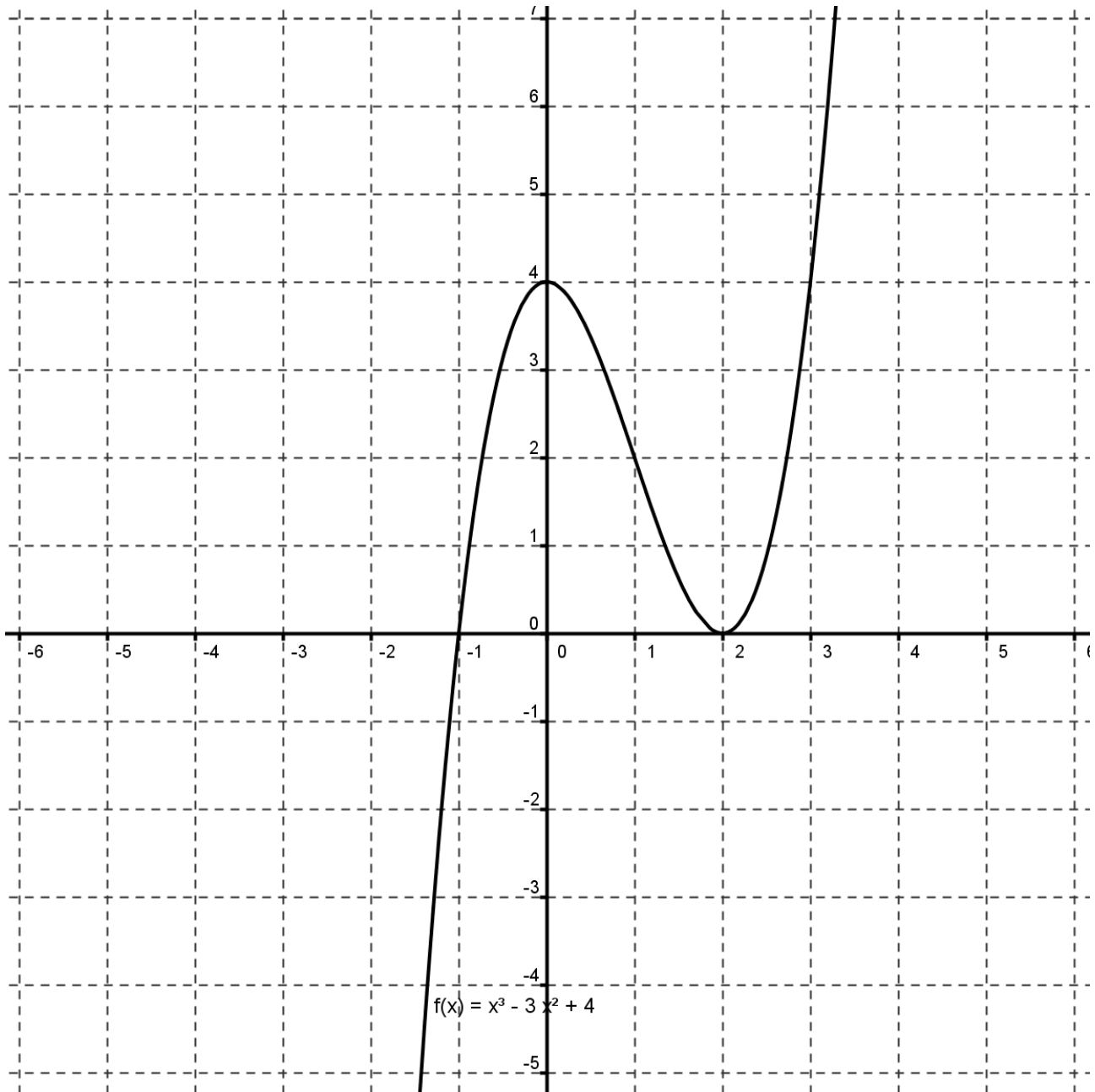


REPRESENTACIÓN GRÁFICA DE FUNCIONES

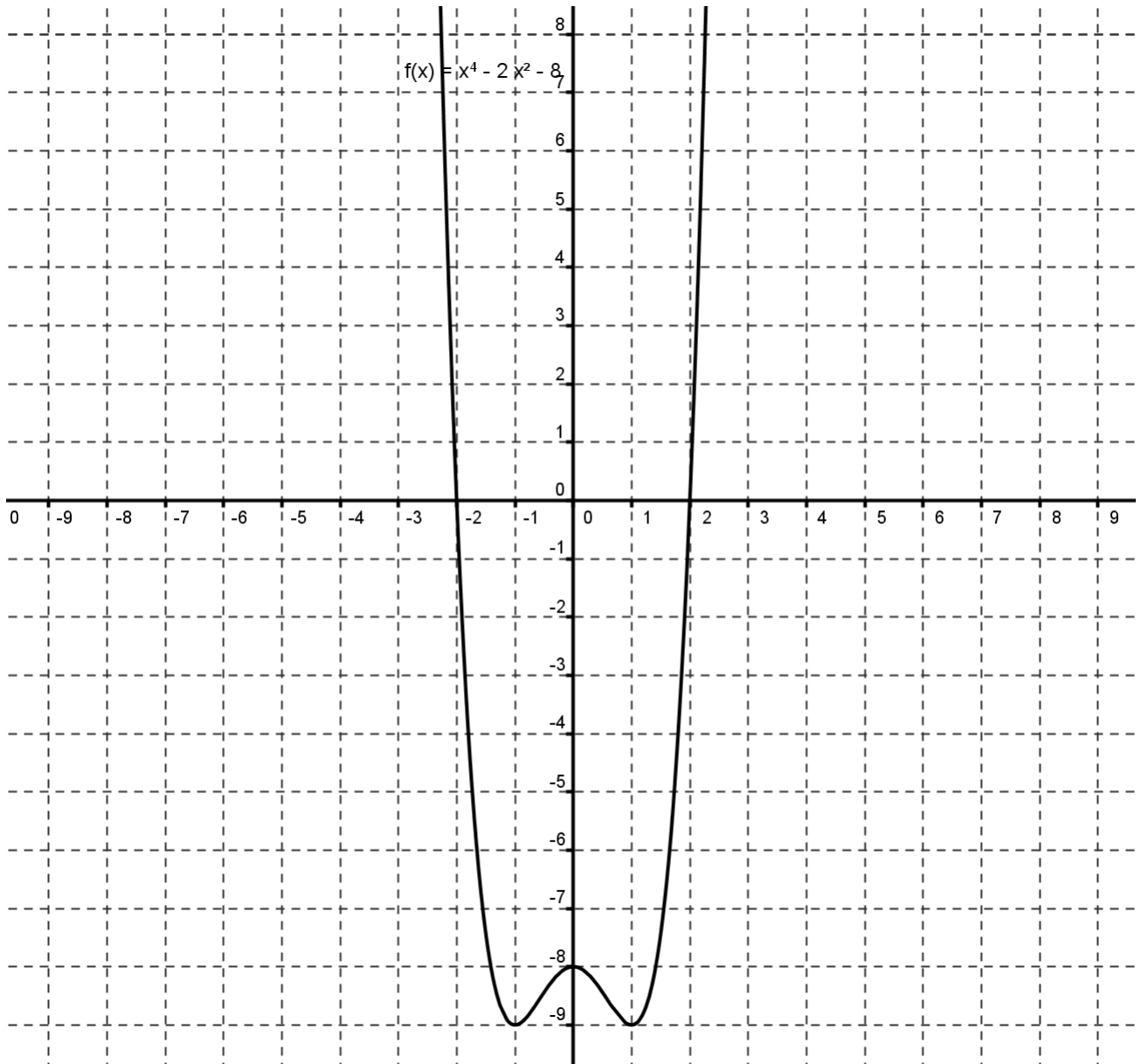
REPRESENTA GRÁFICAMENTE LAS SIGUIENTES FUNCIONES (REALIZA PREVIAMENTE EL ESTUDIO DE TODAS SUS CARACTERÍSTICAS)

1. $f(x) = x^3 - 3x^2 + 4$



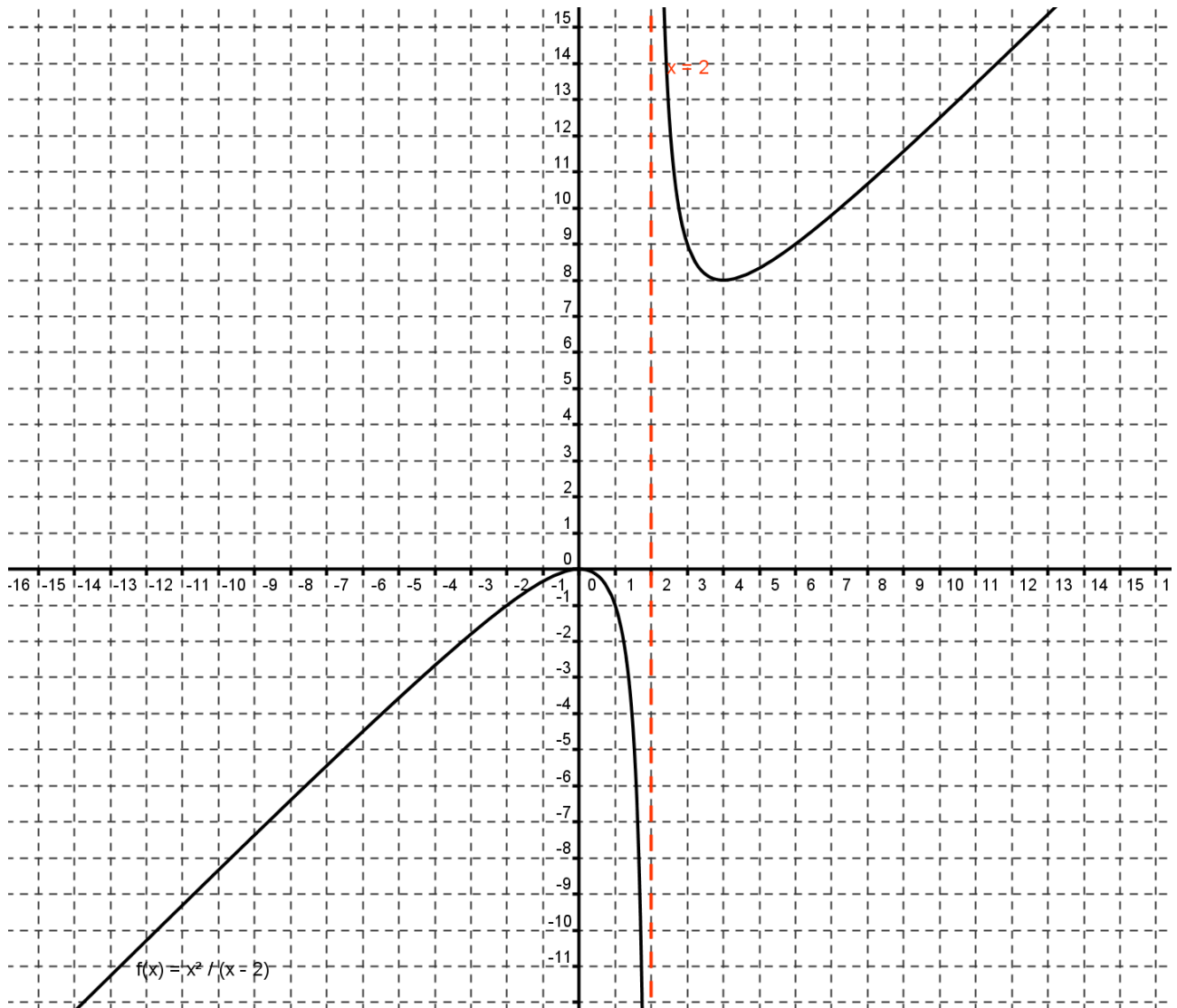
REPRESENTACIÓN GRÁFICA DE FUNCIONES

2. $f(x) = x^4 - 2x^2 - 8$



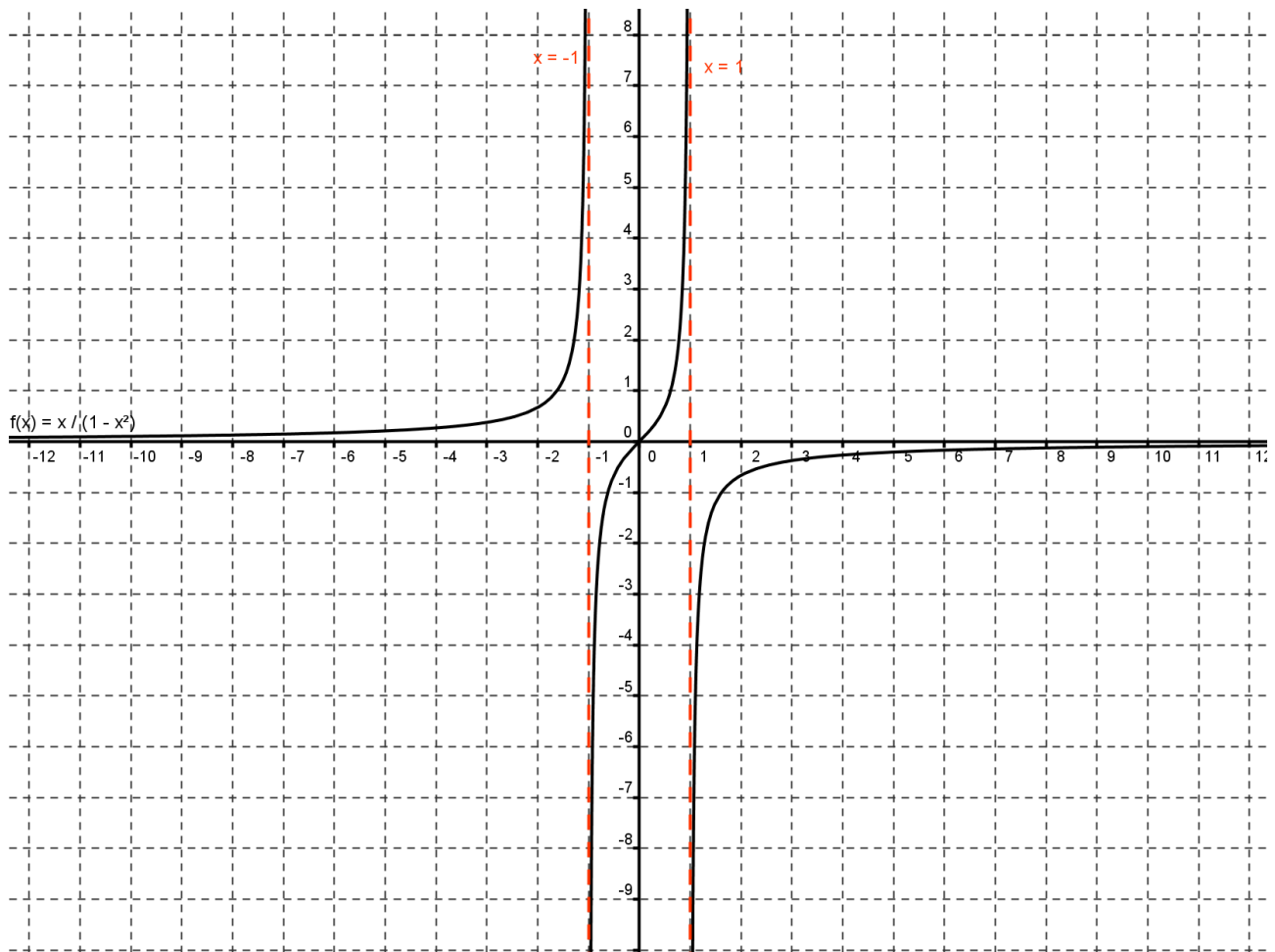
REPRESENTACIÓN GRÁFICA DE FUNCIONES

3. $f(x) = \frac{x^2}{x-2}$



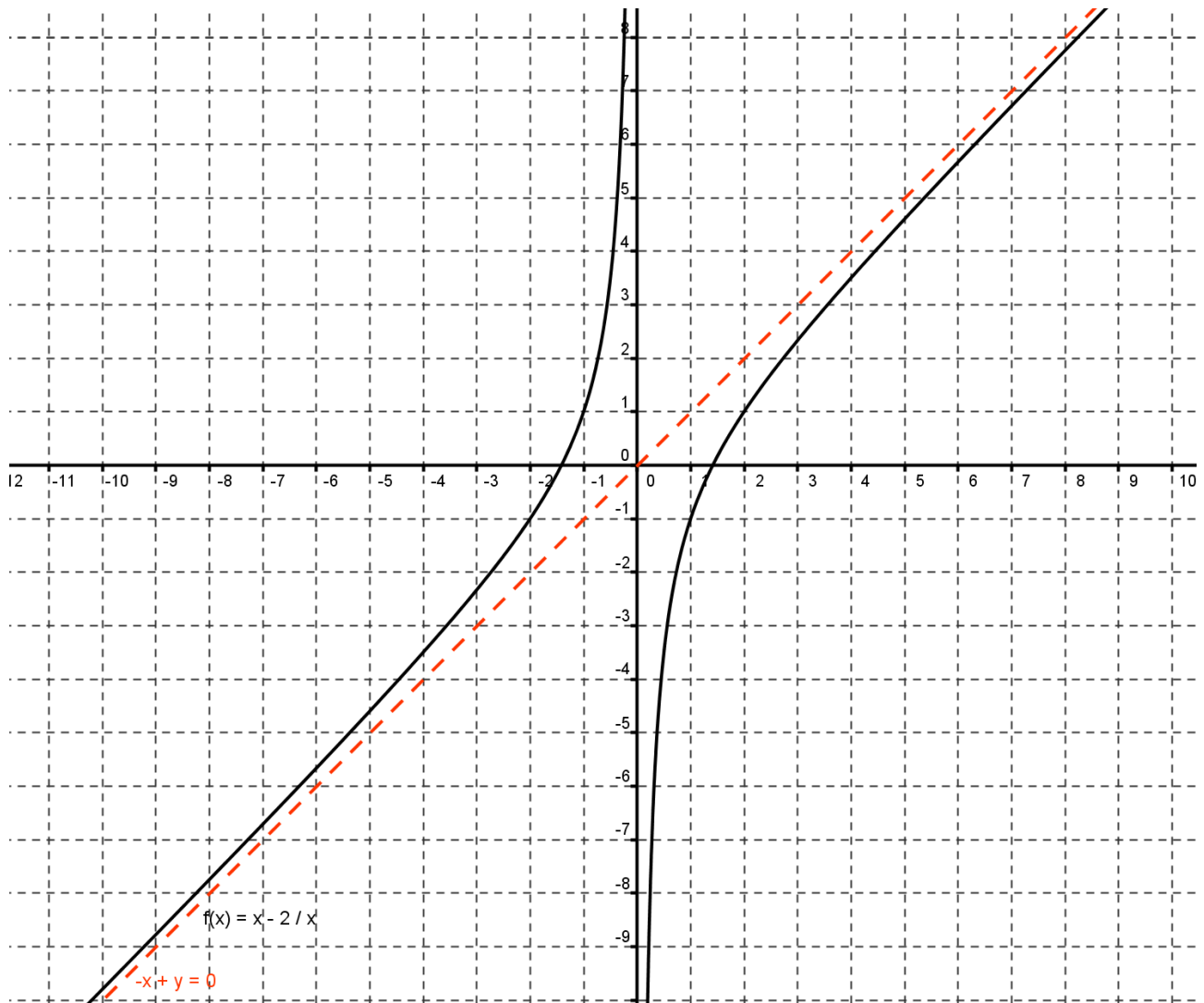
REPRESENTACIÓN GRÁFICA DE FUNCIONES

4. $f(x) = \frac{x}{1-x^2}$



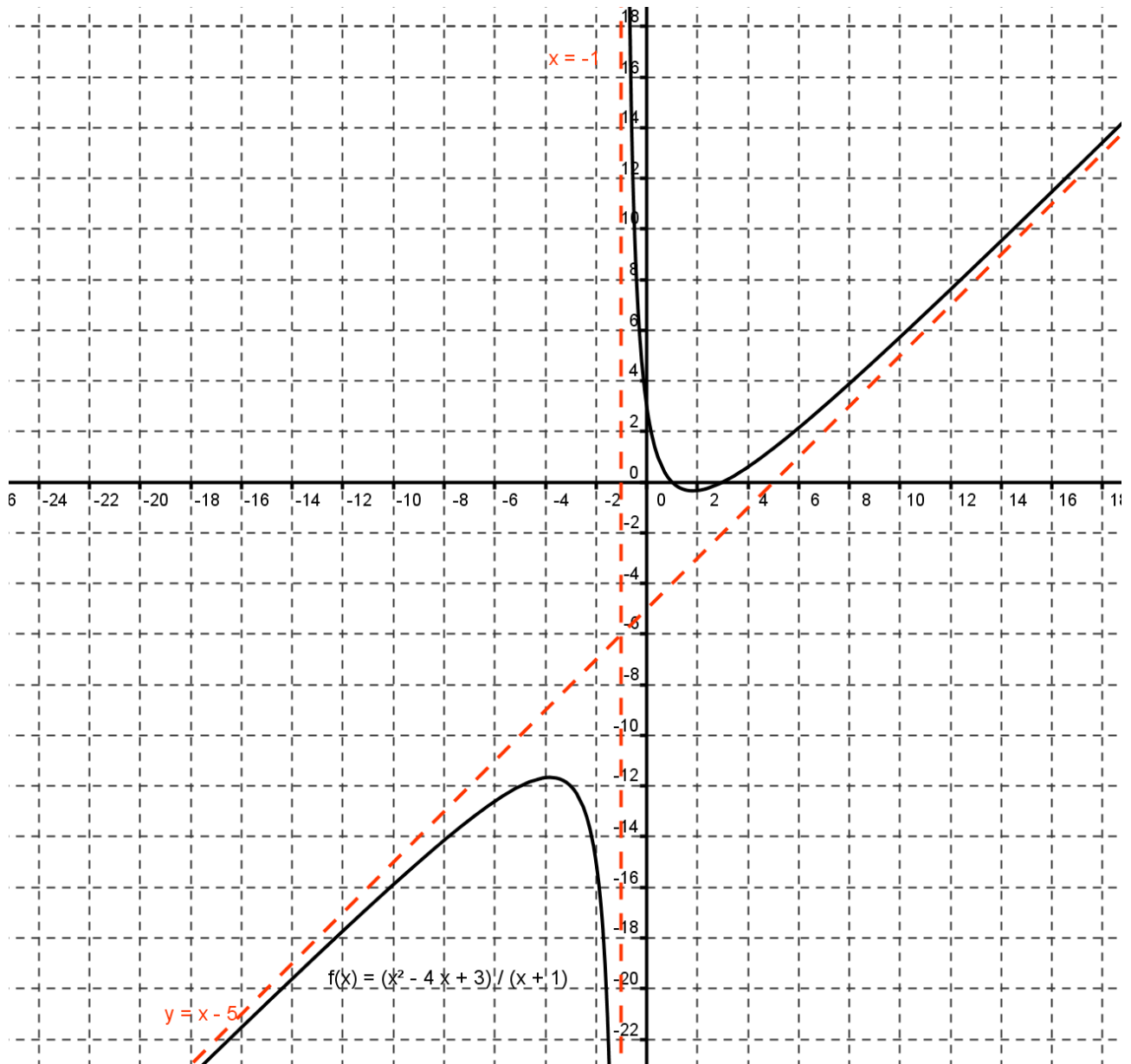
REPRESENTACIÓN GRÁFICA DE FUNCIONES

5. $f(x) = x - \frac{2}{x}$



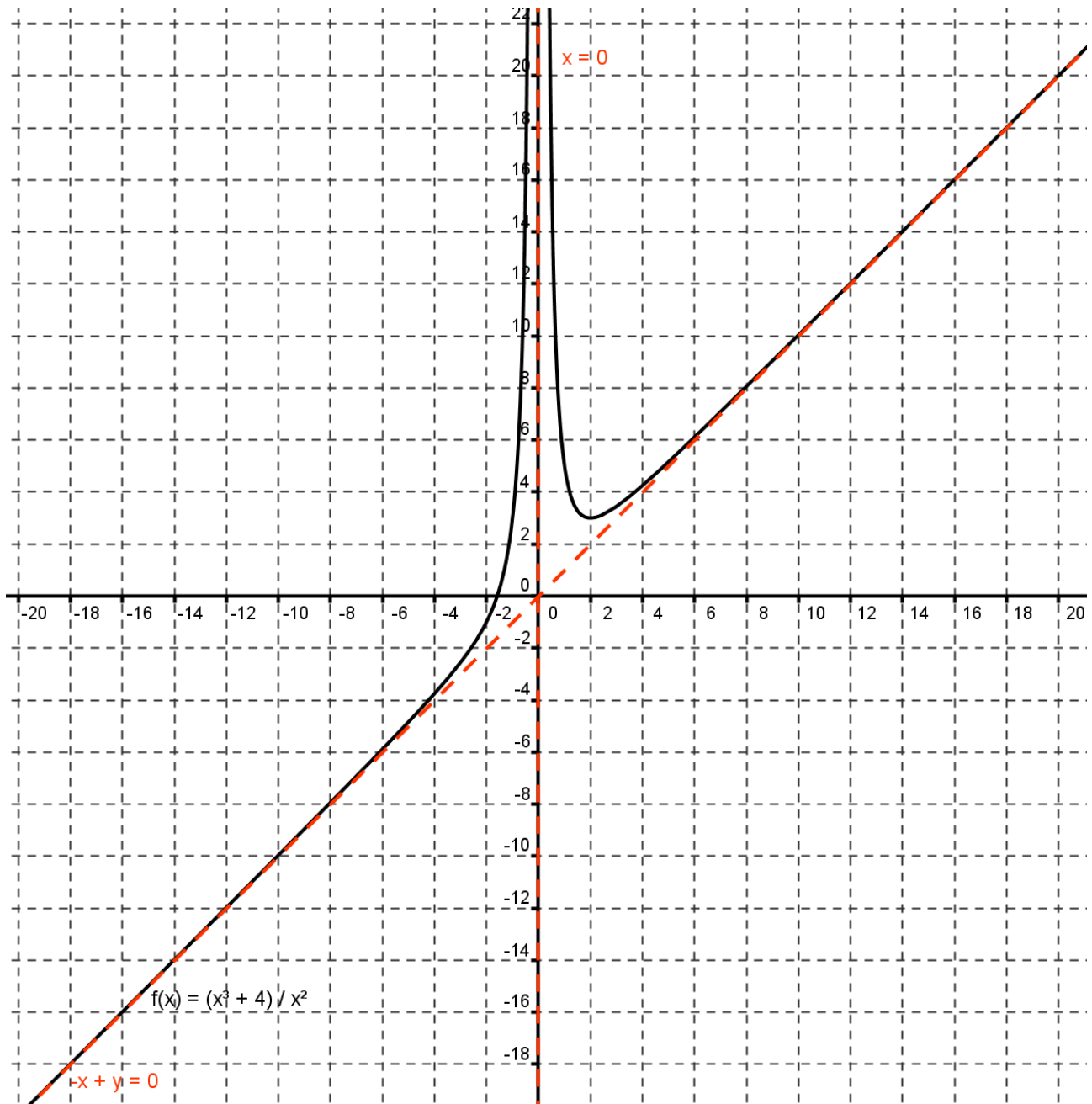
REPRESENTACIÓN GRÁFICA DE FUNCIONES

6. $f(x) = \frac{x^2 - 4x + 3}{x + 1}$



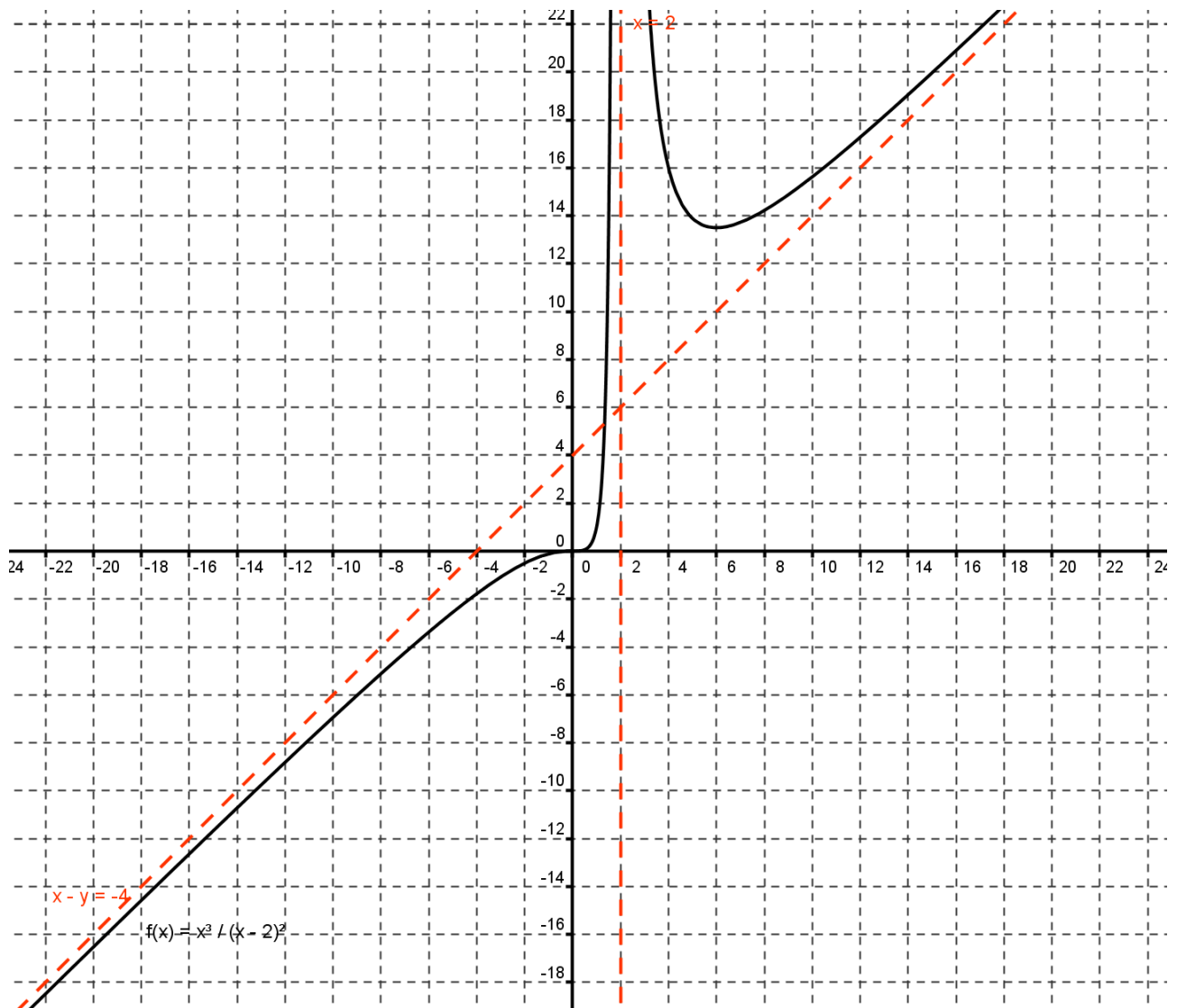
REPRESENTACIÓN GRÁFICA DE FUNCIONES

7. $f(x) = \frac{x^3 + 4}{x^2}$



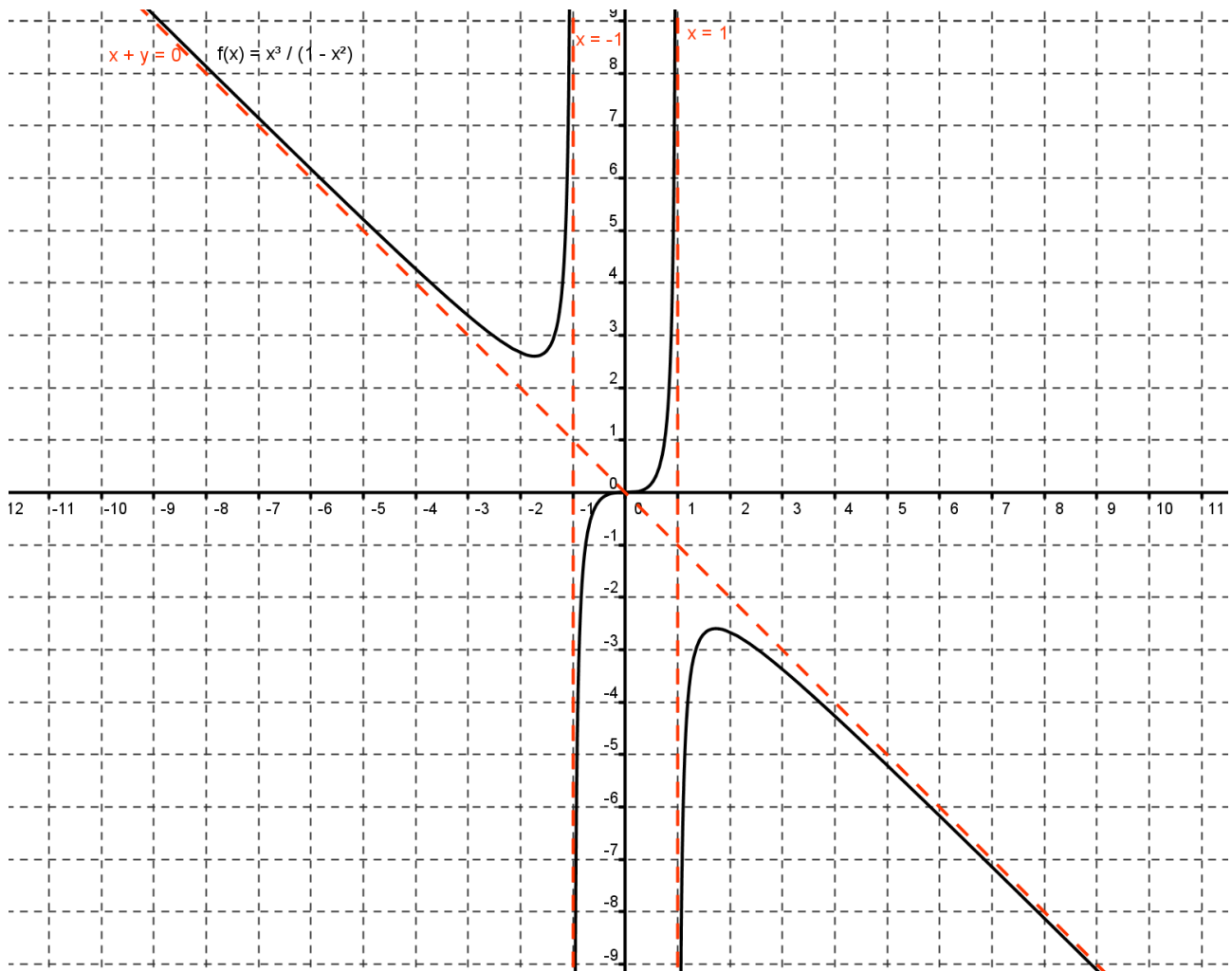
REPRESENTACIÓN GRÁFICA DE FUNCIONES

8. $f(x) = \frac{x^3}{(x-2)^2}$



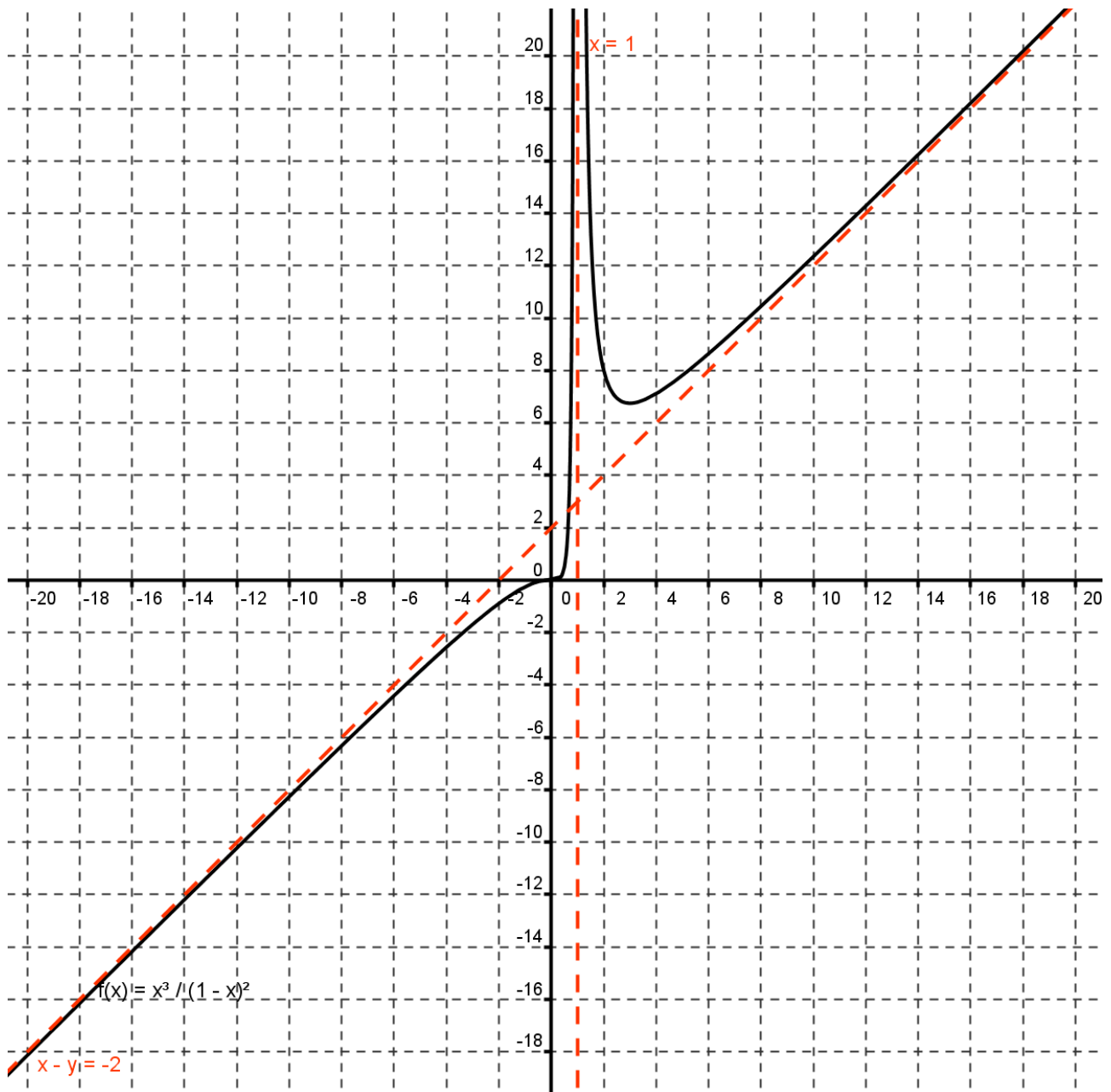
REPRESENTACIÓN GRÁFICA DE FUNCIONES

9. $f(x) = \frac{x^3}{1-x^2}$



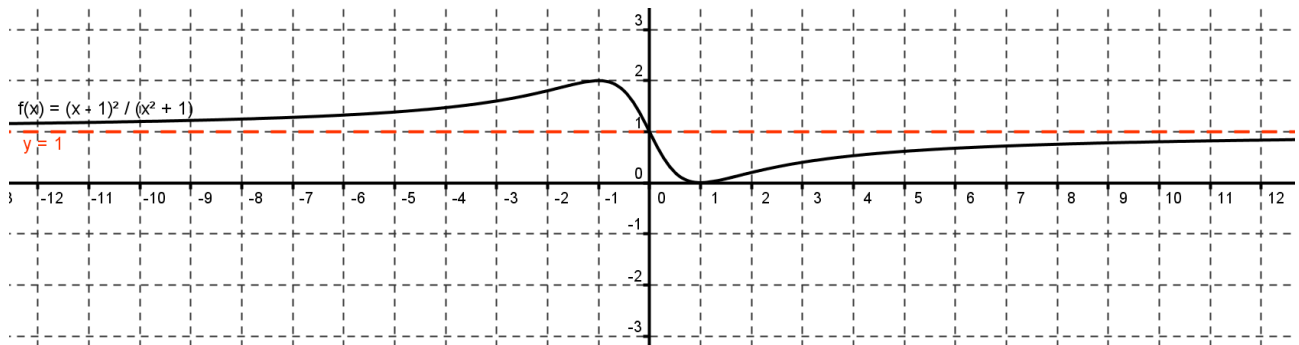
REPRESENTACIÓN GRÁFICA DE FUNCIONES

10. $f(x) = \frac{x^3}{(1-x)^2}$

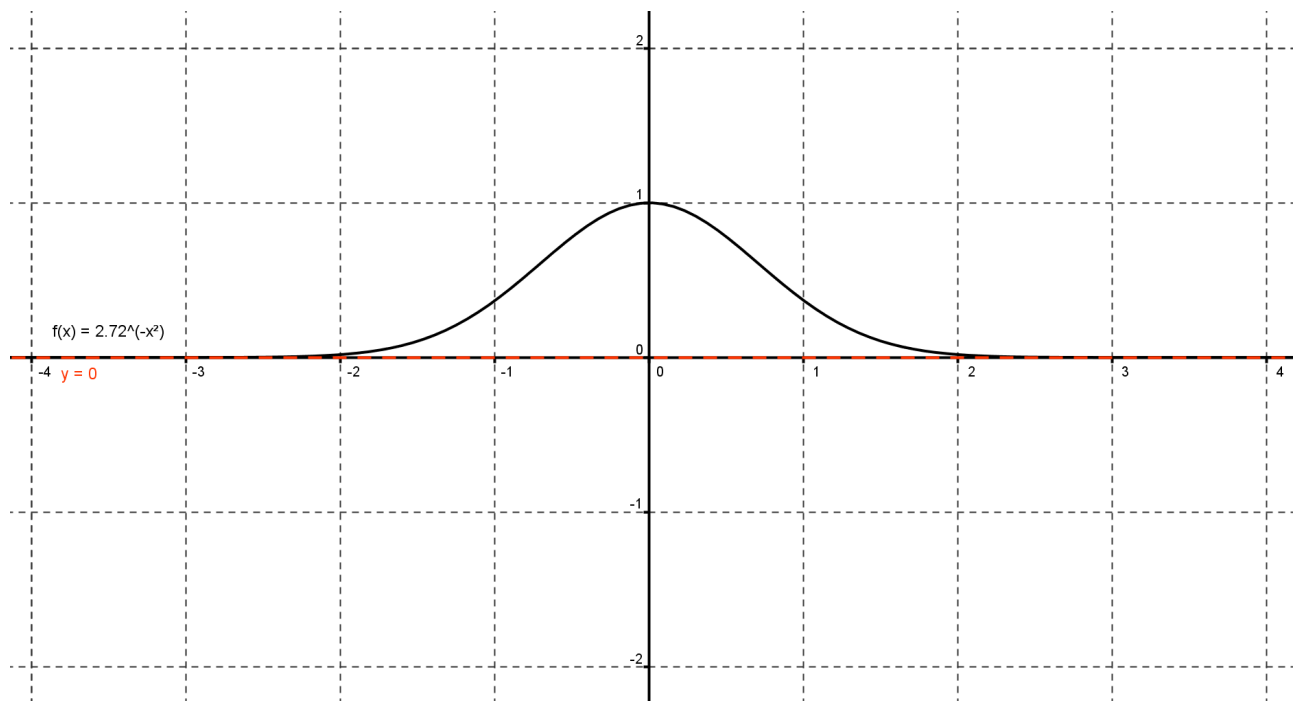


REPRESENTACIÓN GRÁFICA DE FUNCIONES

11. $f(x) = \frac{(x-1)^2}{x^2+1}$

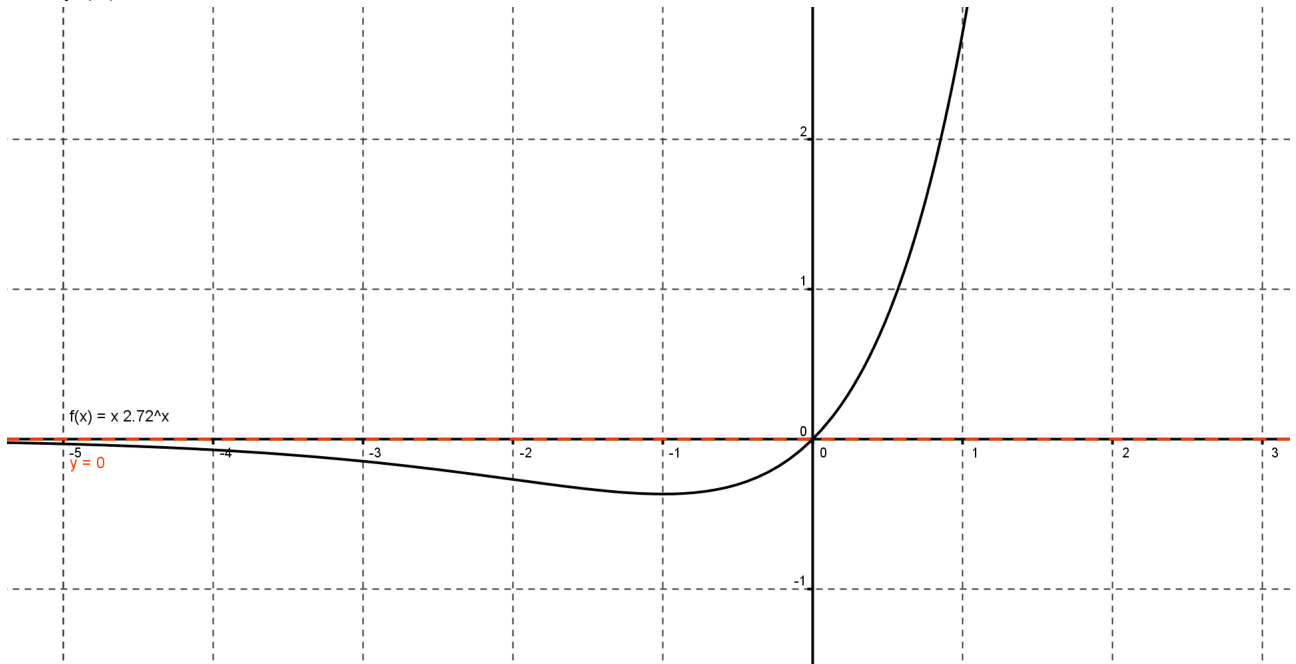


12. $f(x) = e^{-x^2}$

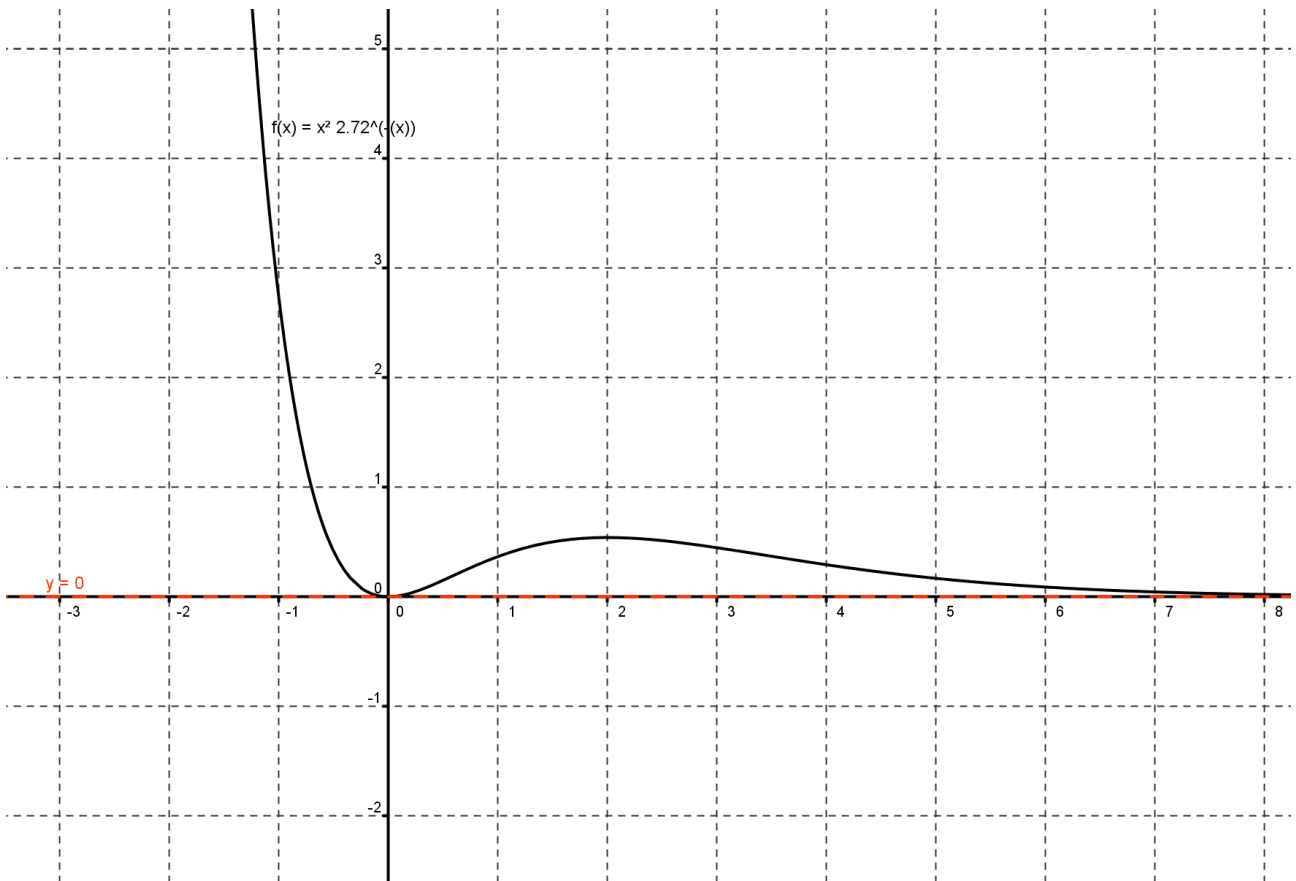


REPRESENTACIÓN GRÁFICA DE FUNCIONES

13. $f(x) = x \cdot e^x$

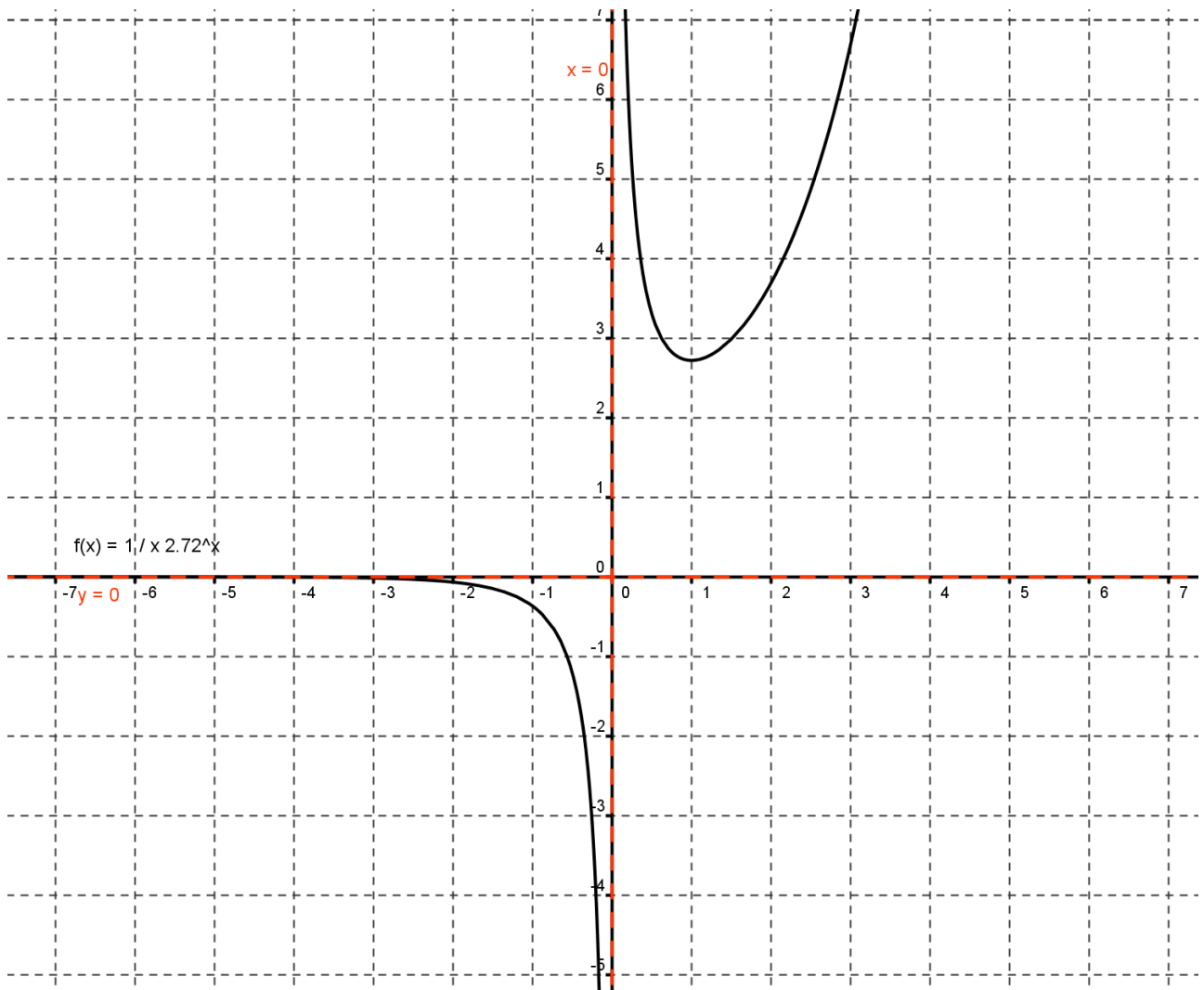


14. $f(x) = x^2 \cdot e^{-x}$



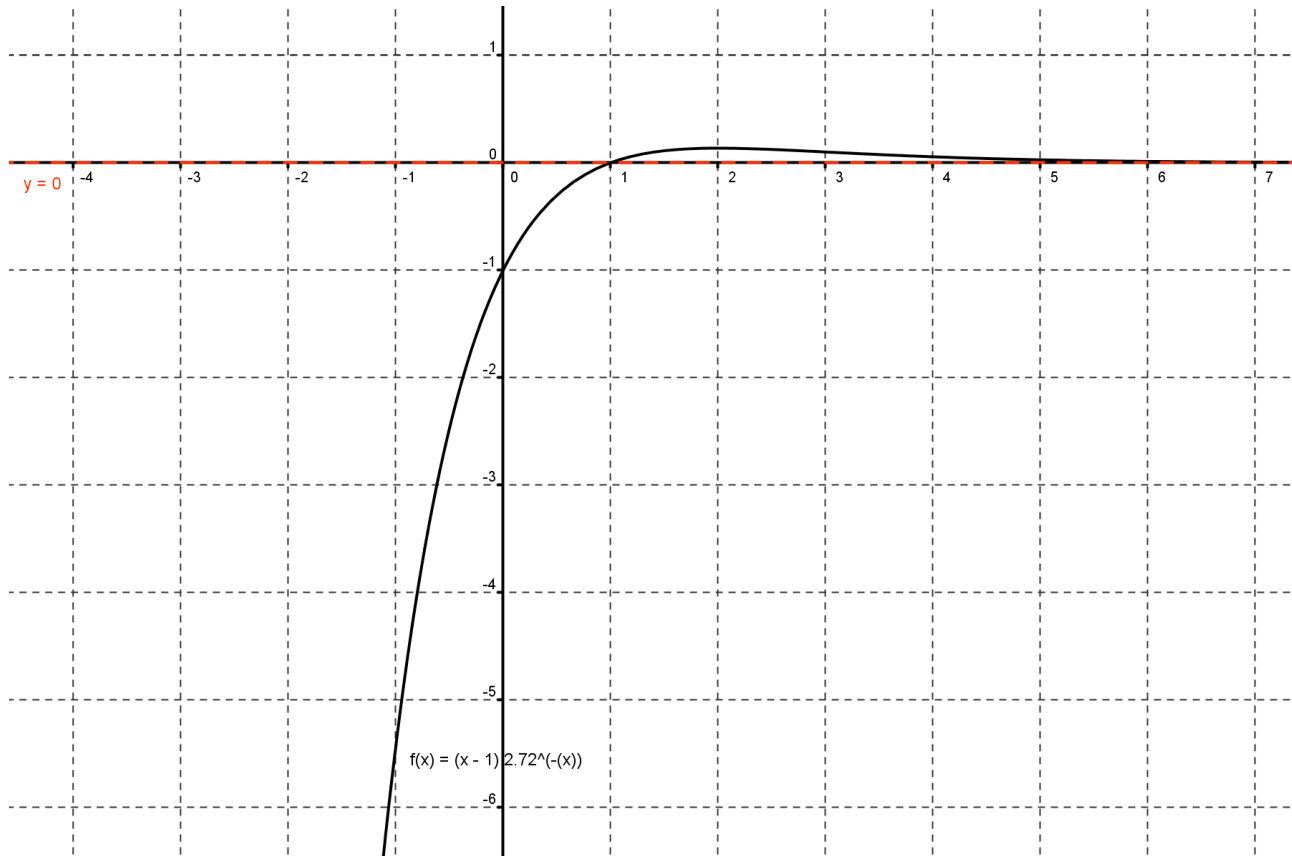
REPRESENTACIÓN GRÁFICA DE FUNCIONES

15. $f(x) = \frac{1}{x} \cdot e^x$



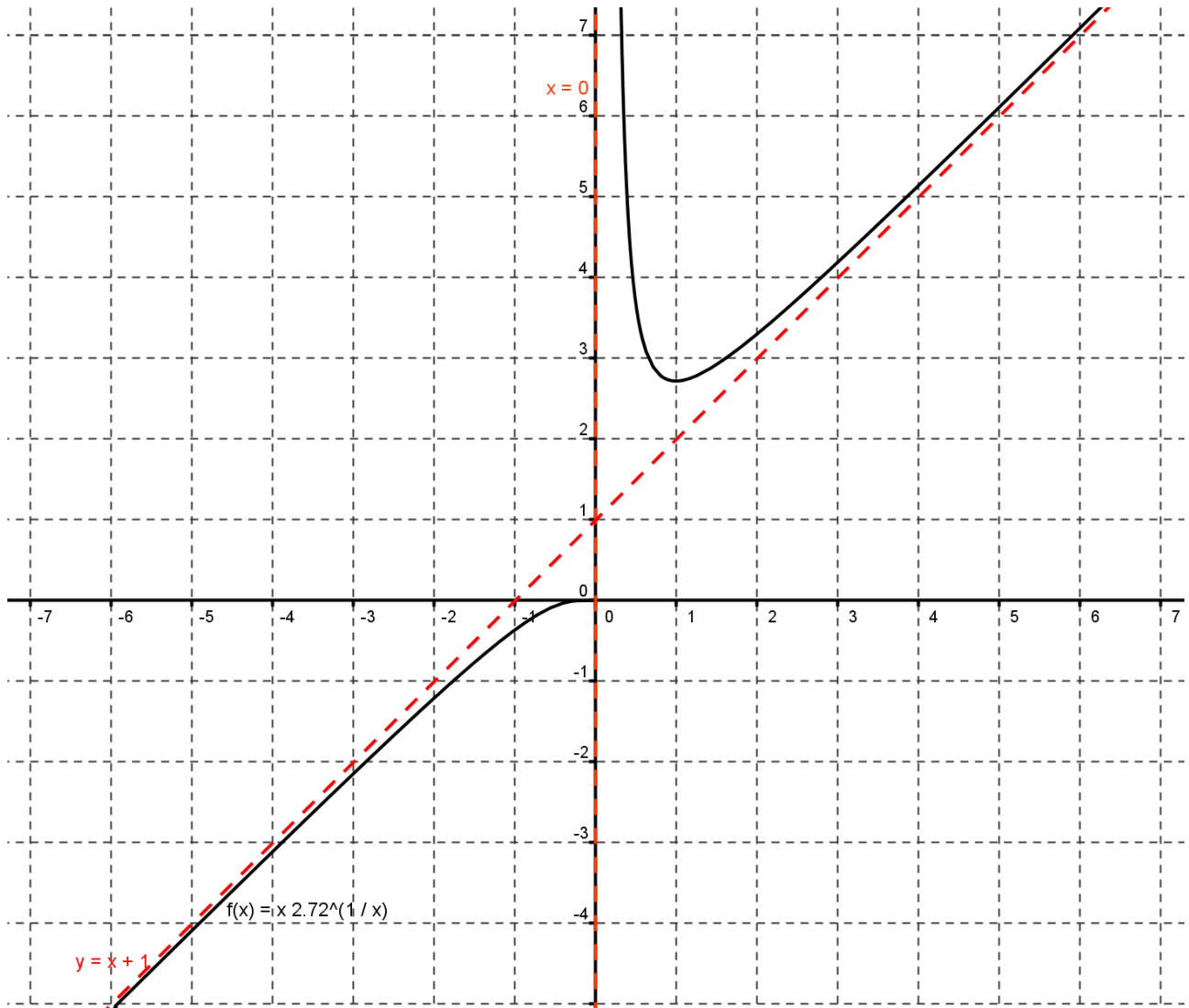
REPRESENTACIÓN GRÁFICA DE FUNCIONES

16. $f(x) = (x-1) \cdot e^{-x}$



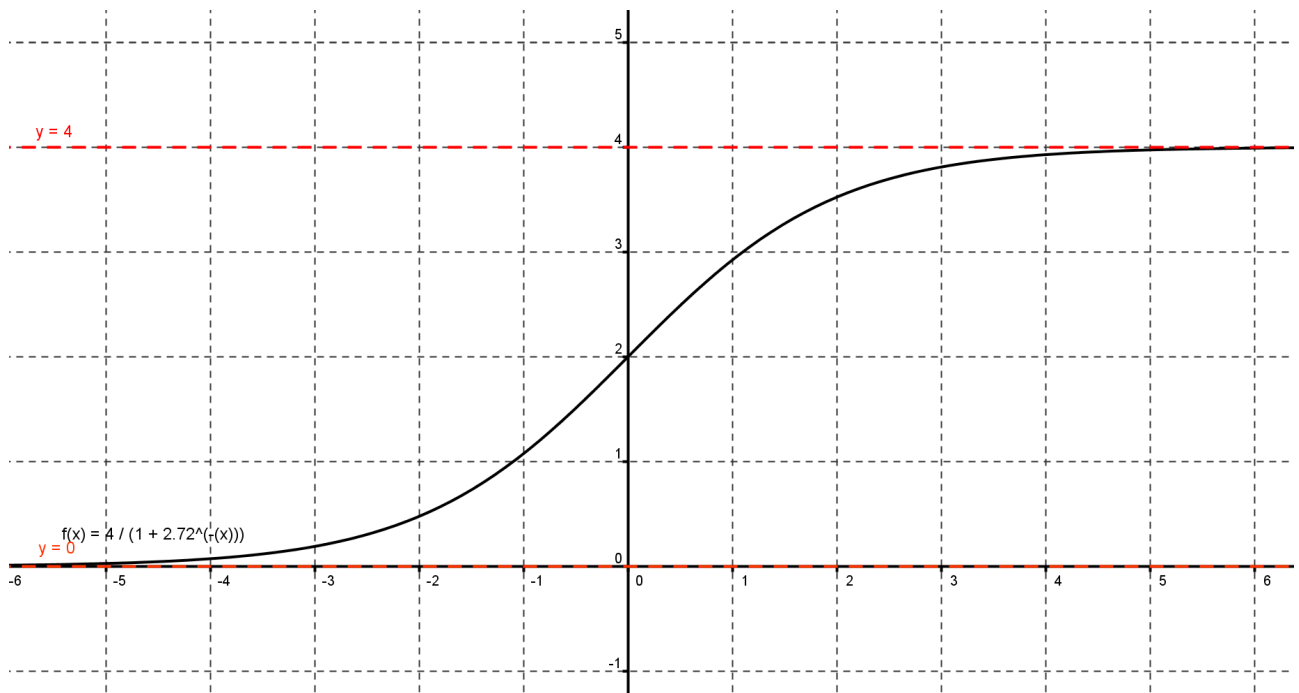
REPRESENTACIÓN GRÁFICA DE FUNCIONES

17. $f(x) = x \cdot e^{\frac{1}{x}}$

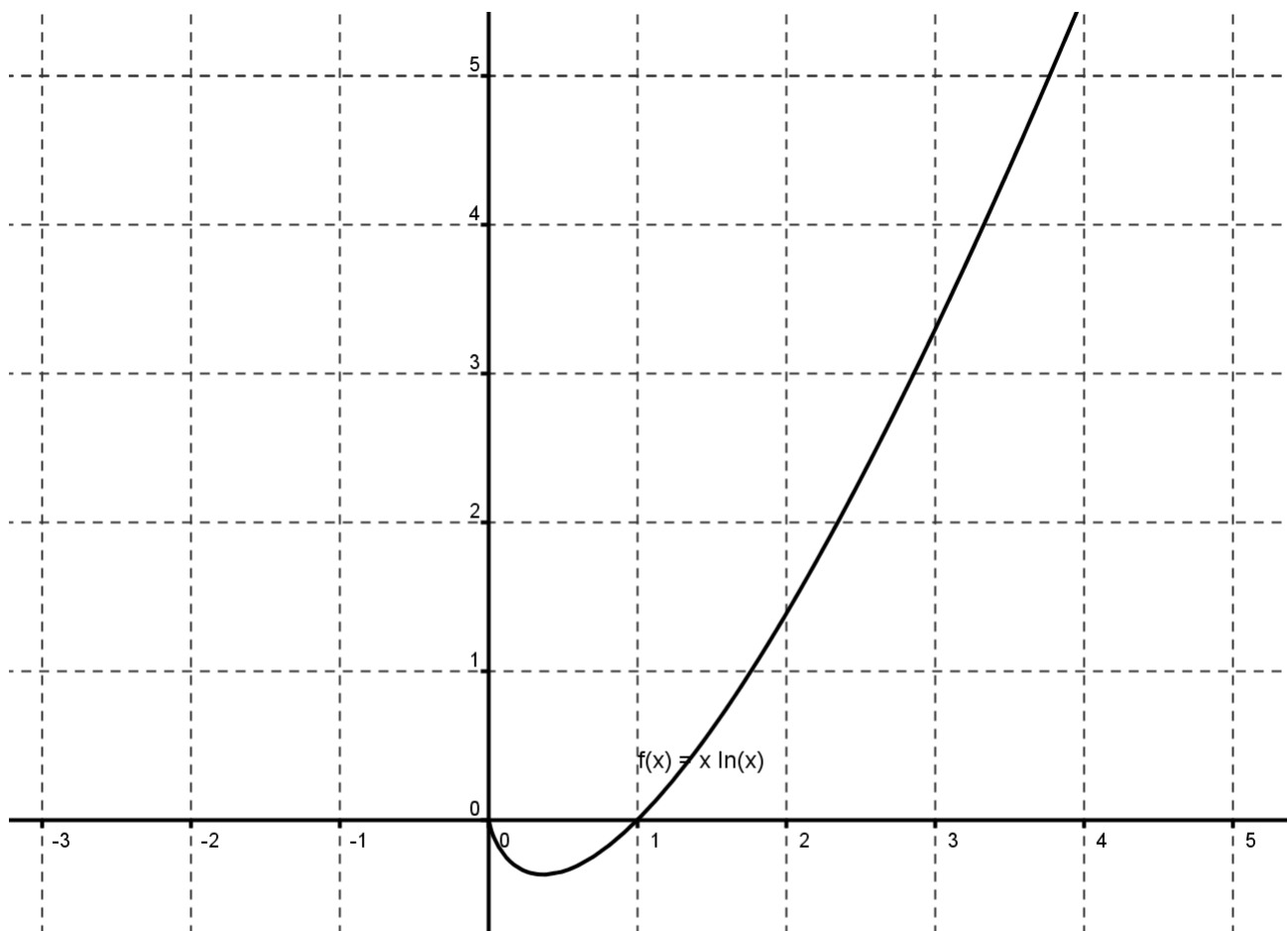


REPRESENTACIÓN GRÁFICA DE FUNCIONES

18. $f(x) = \frac{4}{1+e^{-x}}$

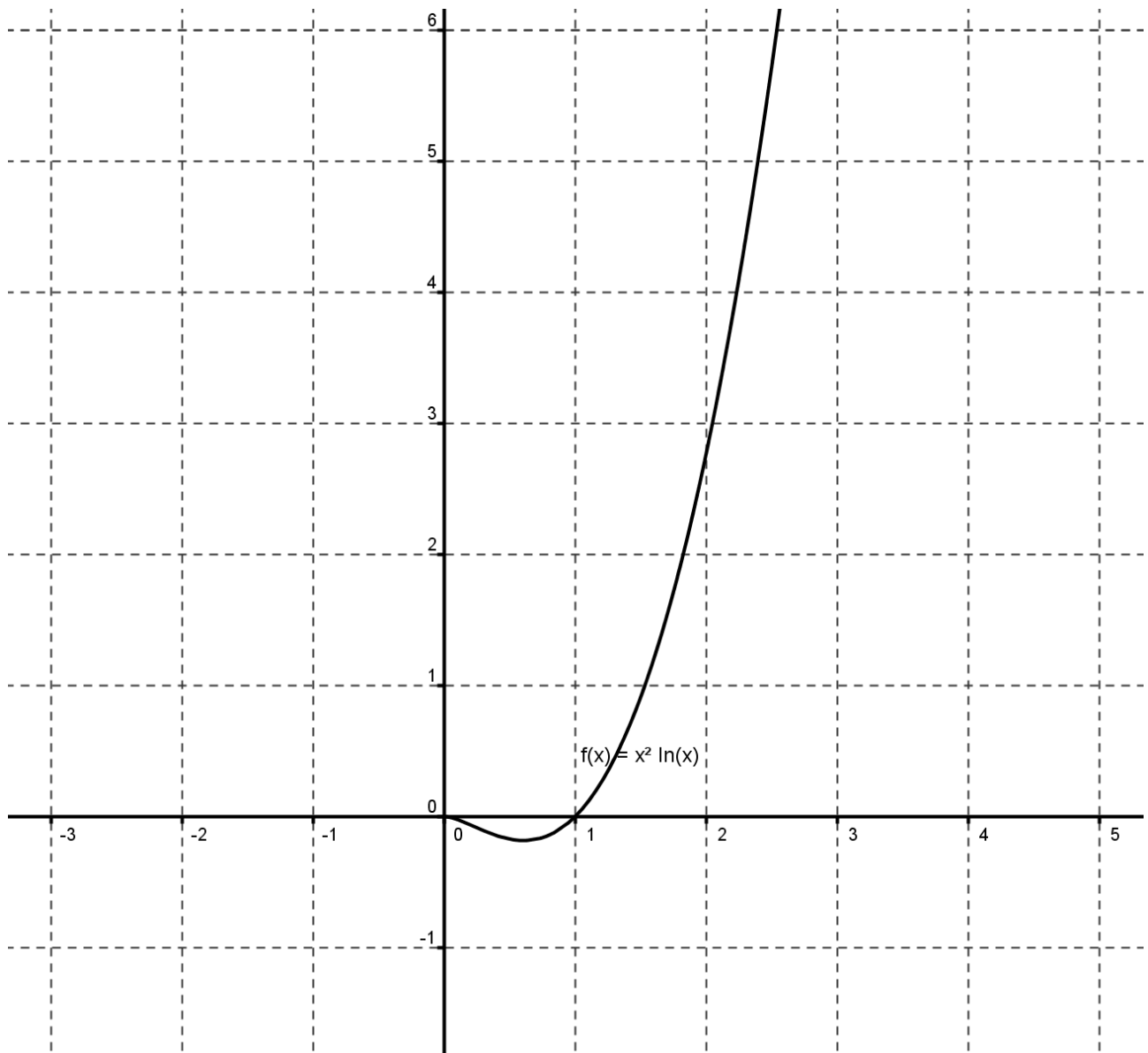


19. $f(x) = x \cdot \ln x$

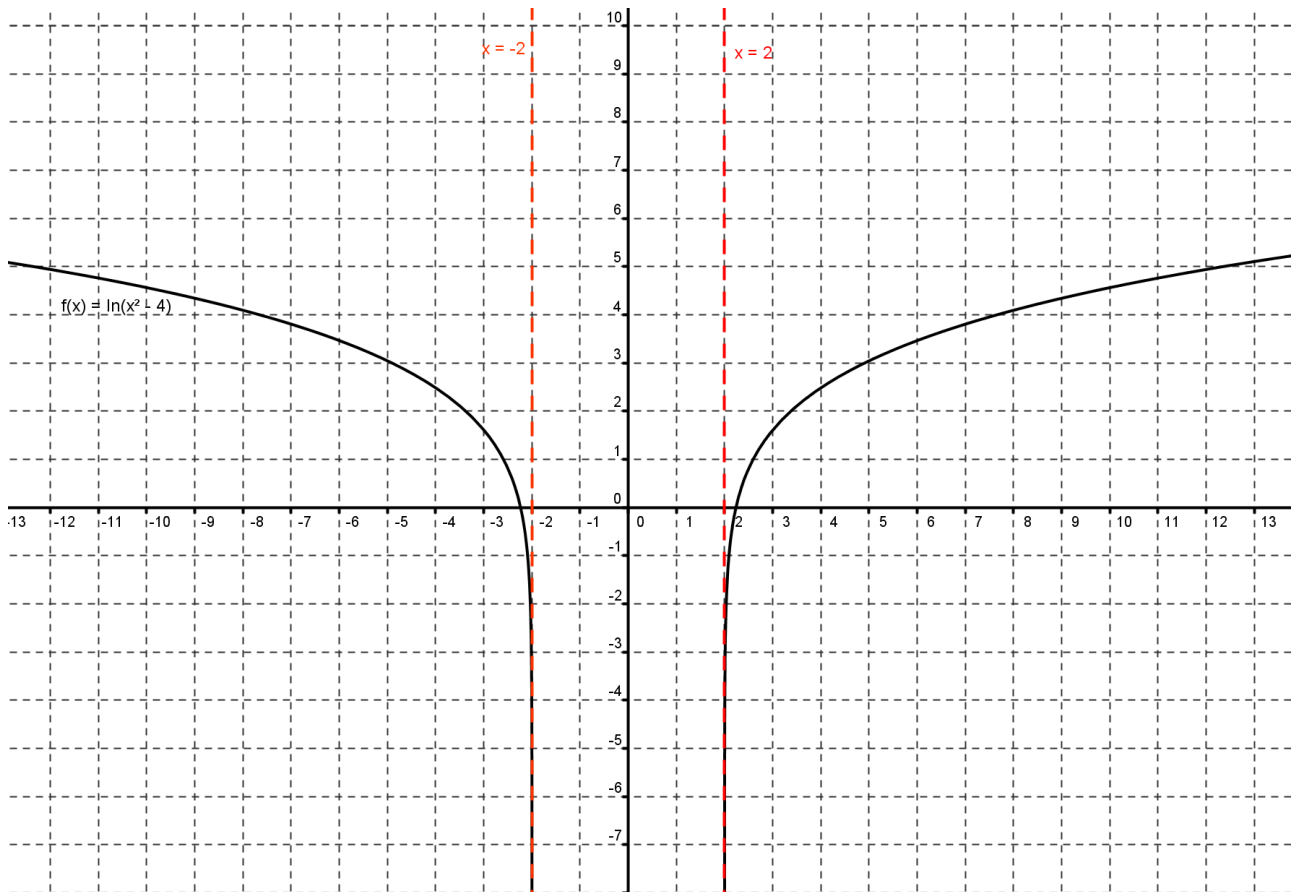


REPRESENTACIÓN GRÁFICA DE FUNCIONES

20. $f(x) = x^2 \cdot \ln x$

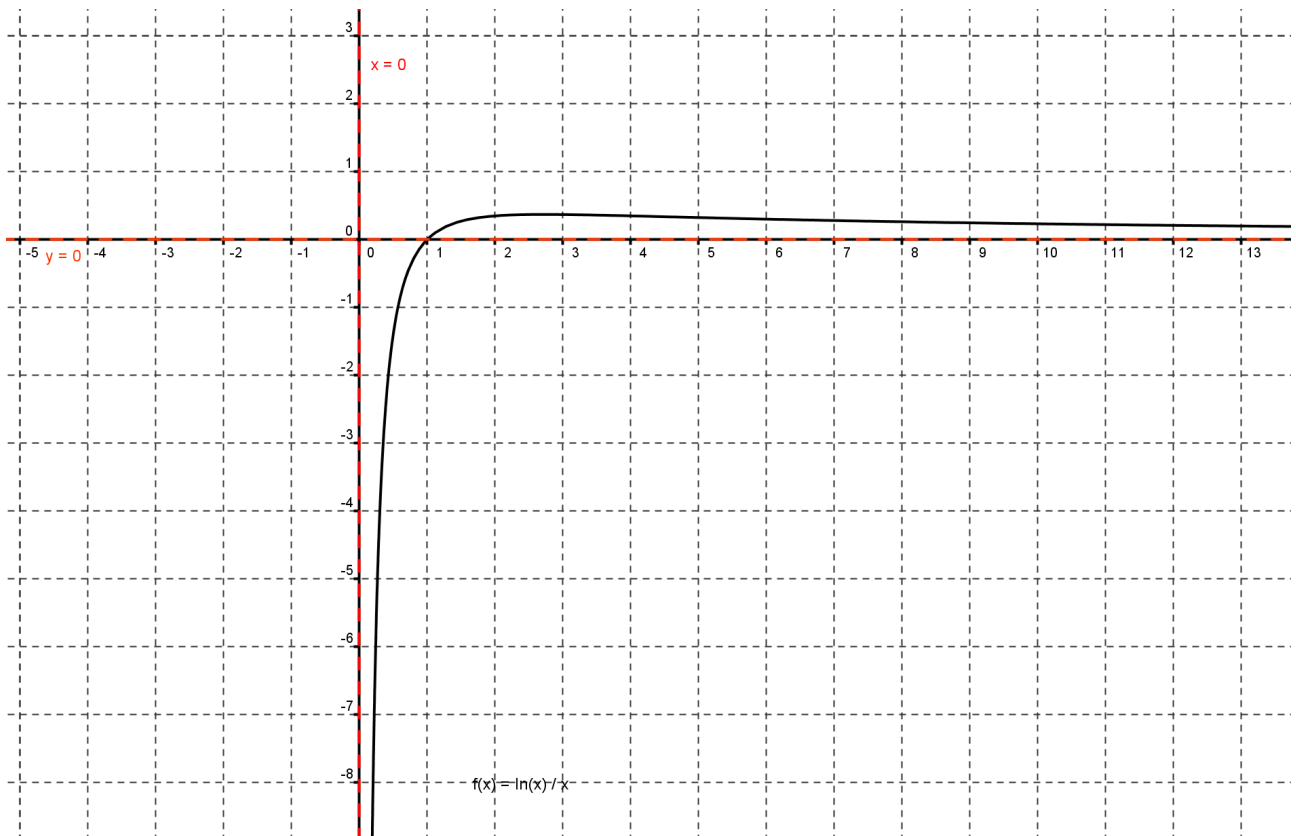


21. $f(x) = \ln(x^2 - 4)$



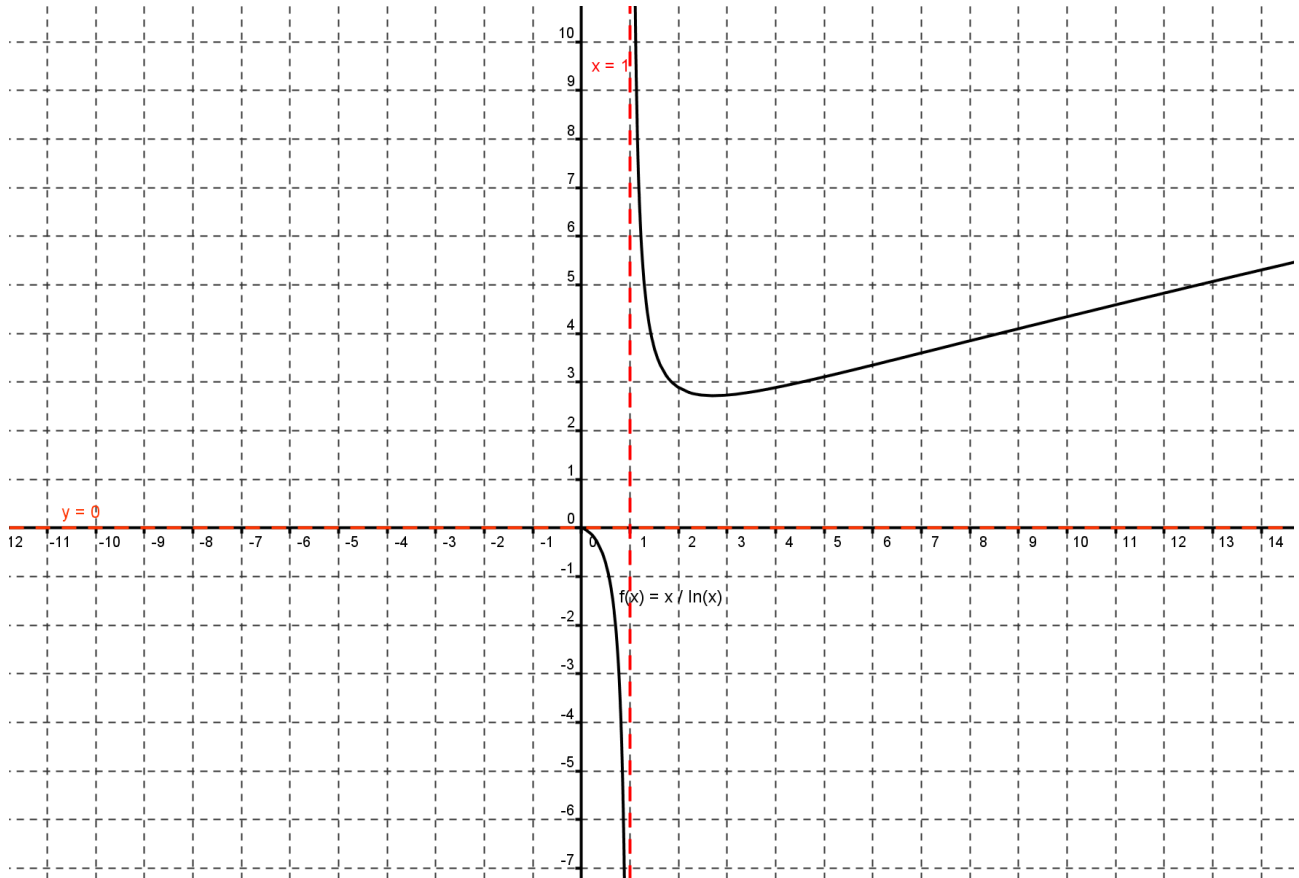
REPRESENTACIÓN GRÁFICA DE FUNCIONES

22. $f(x) = \frac{\ln x}{x}$

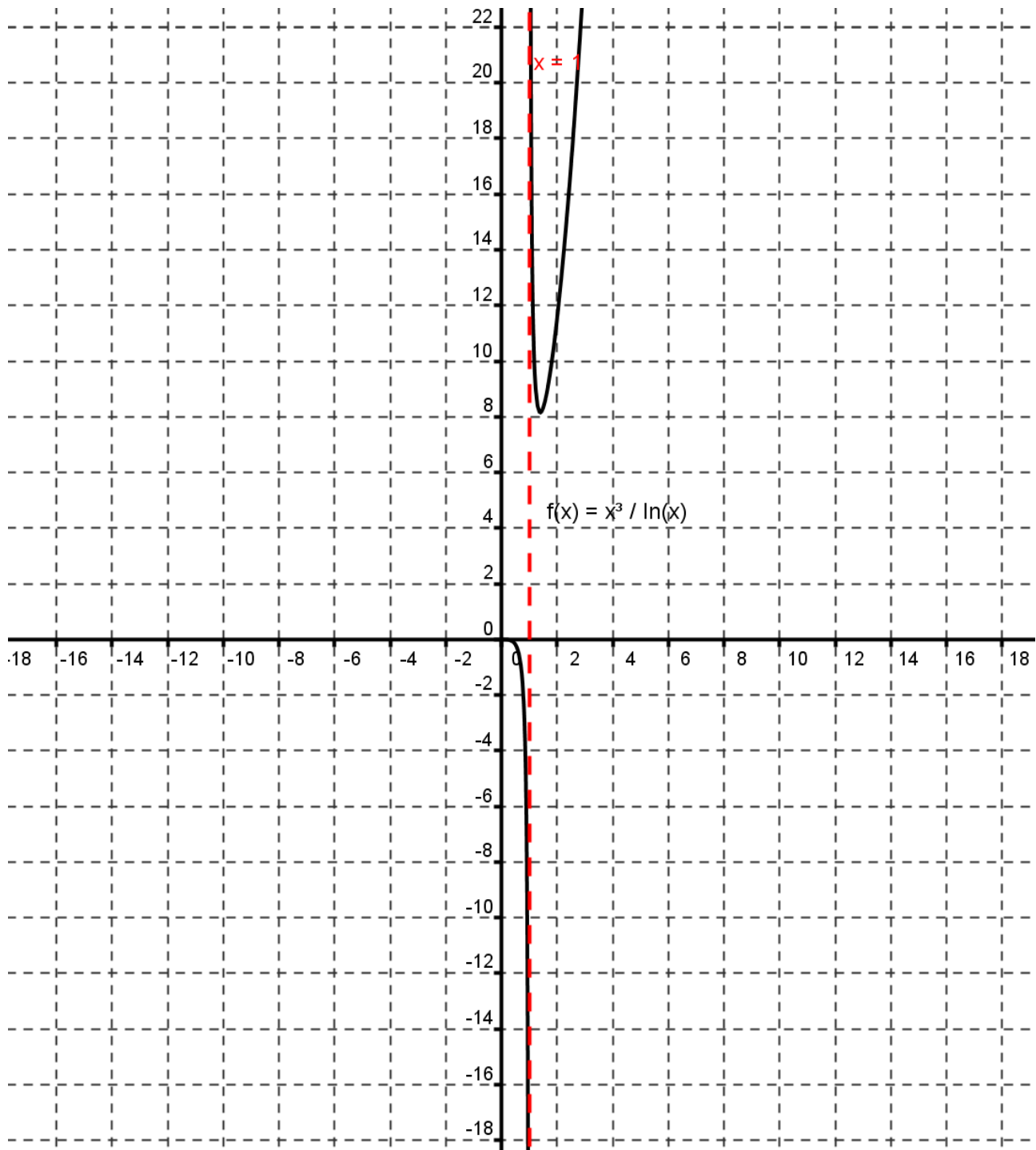


REPRESENTACIÓN GRÁFICA DE FUNCIONES

23. $f(x) = \frac{x}{\ln x}$

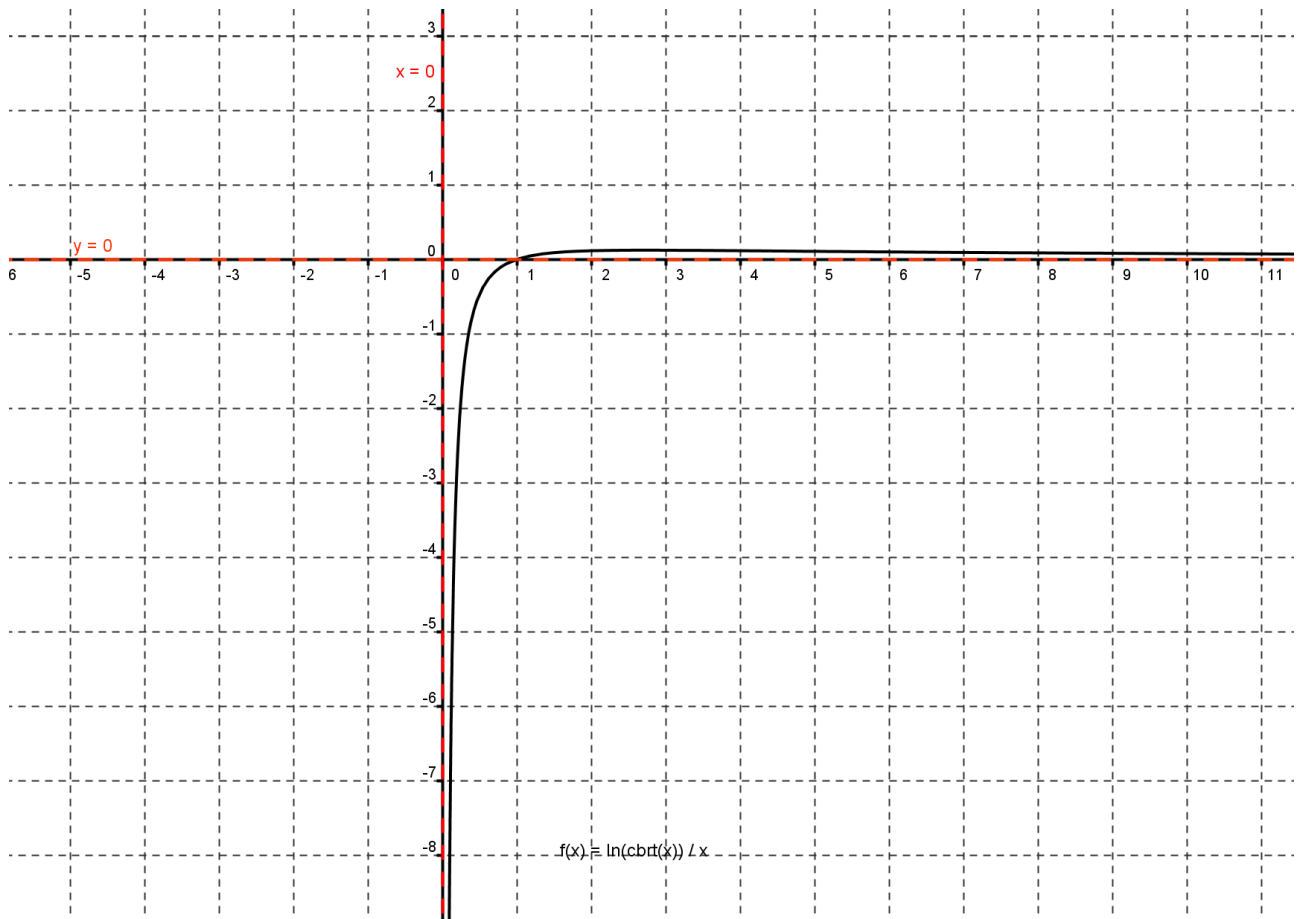


24. $f(x) = \frac{x^3}{\ln x}$



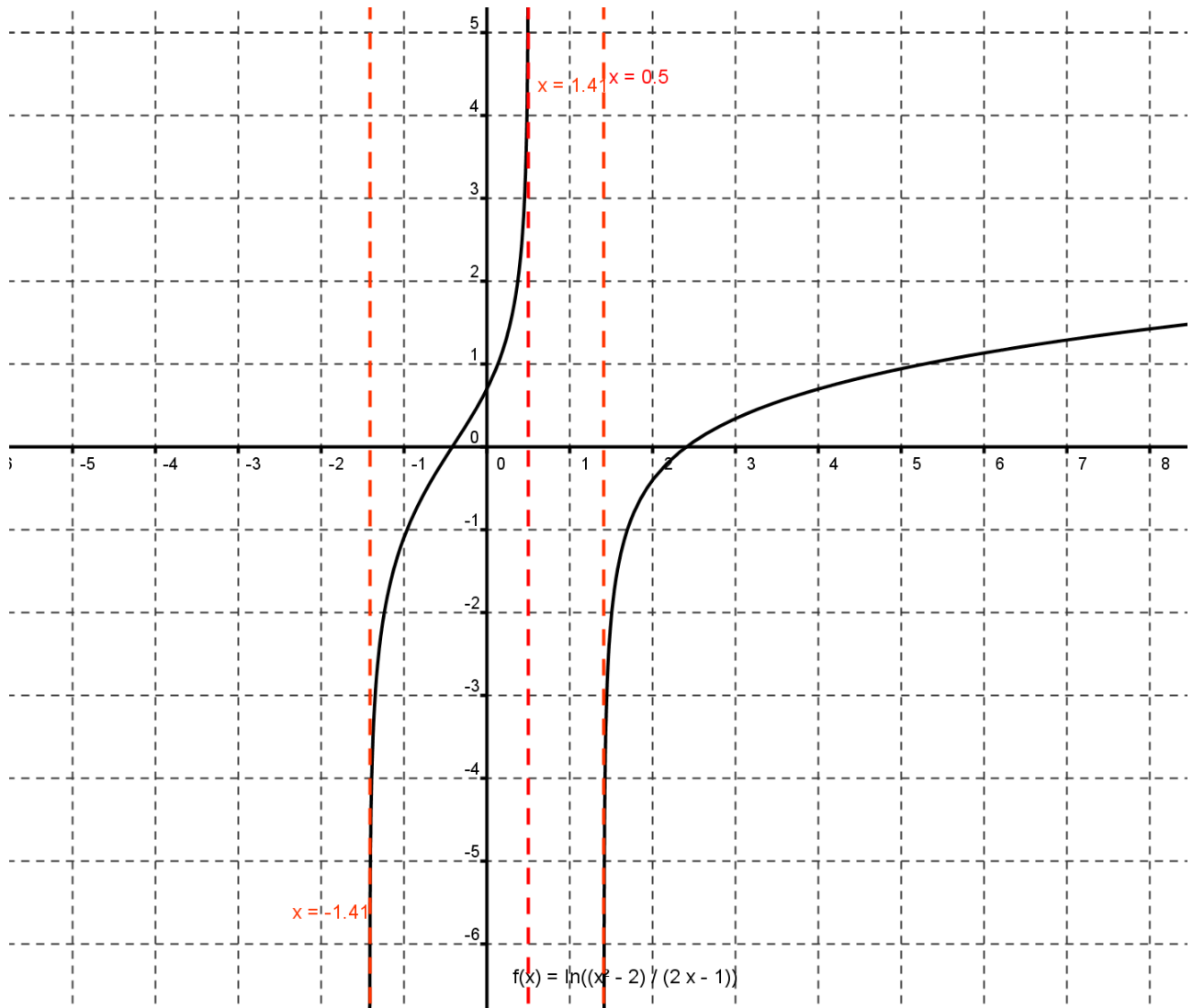
REPRESENTACIÓN GRÁFICA DE FUNCIONES

25. $f(x) = \frac{\ln \sqrt[3]{x}}{x}$



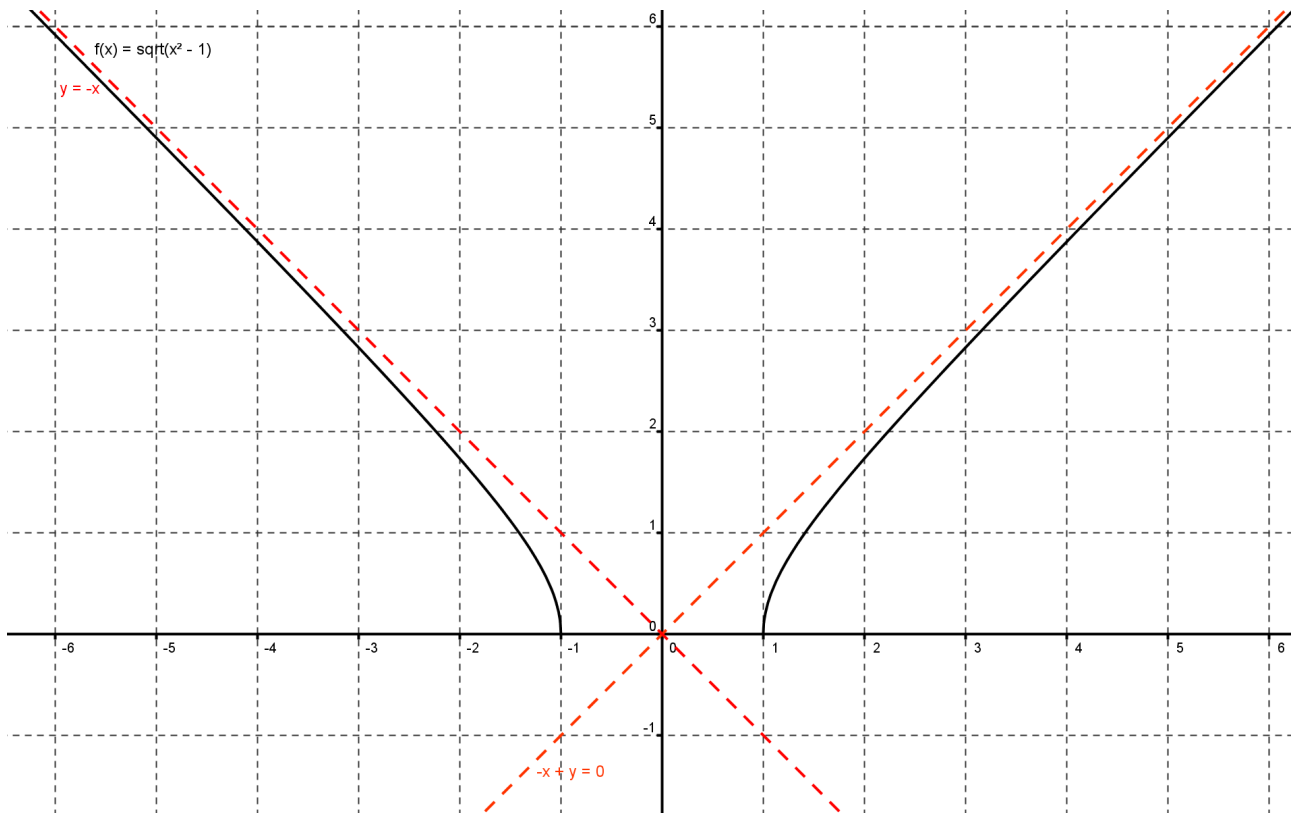
REPRESENTACIÓN GRÁFICA DE FUNCIONES

26. $f(x) = \ln\left(\frac{x^2 - 2}{2x - 1}\right)$

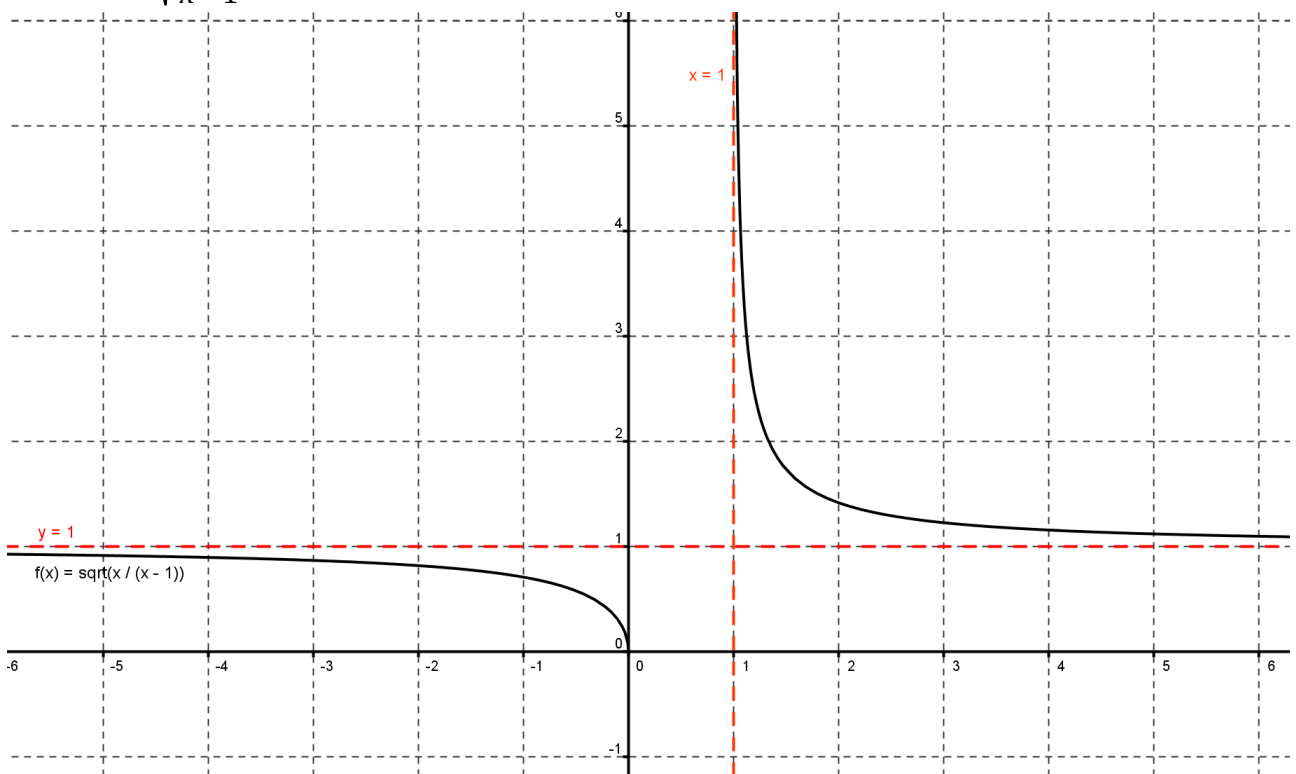


REPRESENTACIÓN GRÁFICA DE FUNCIONES

27. $f(x) = \sqrt{x^2 - 1}$

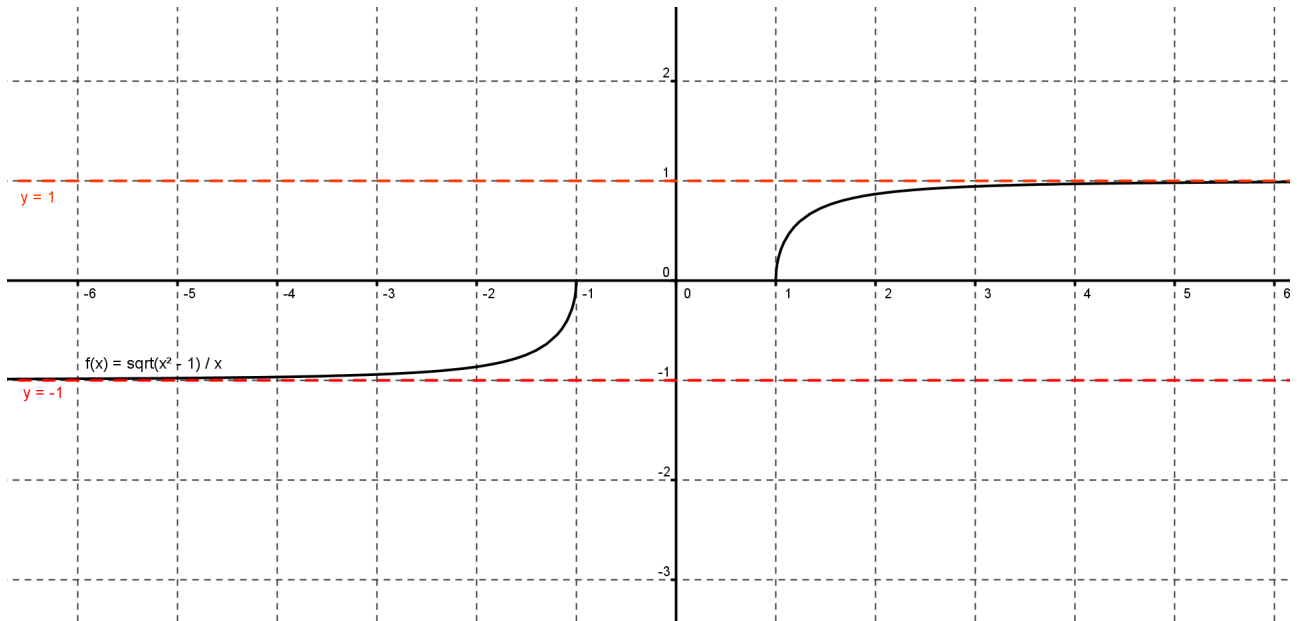


28. $f(x) = \sqrt{\frac{x}{x-1}}$

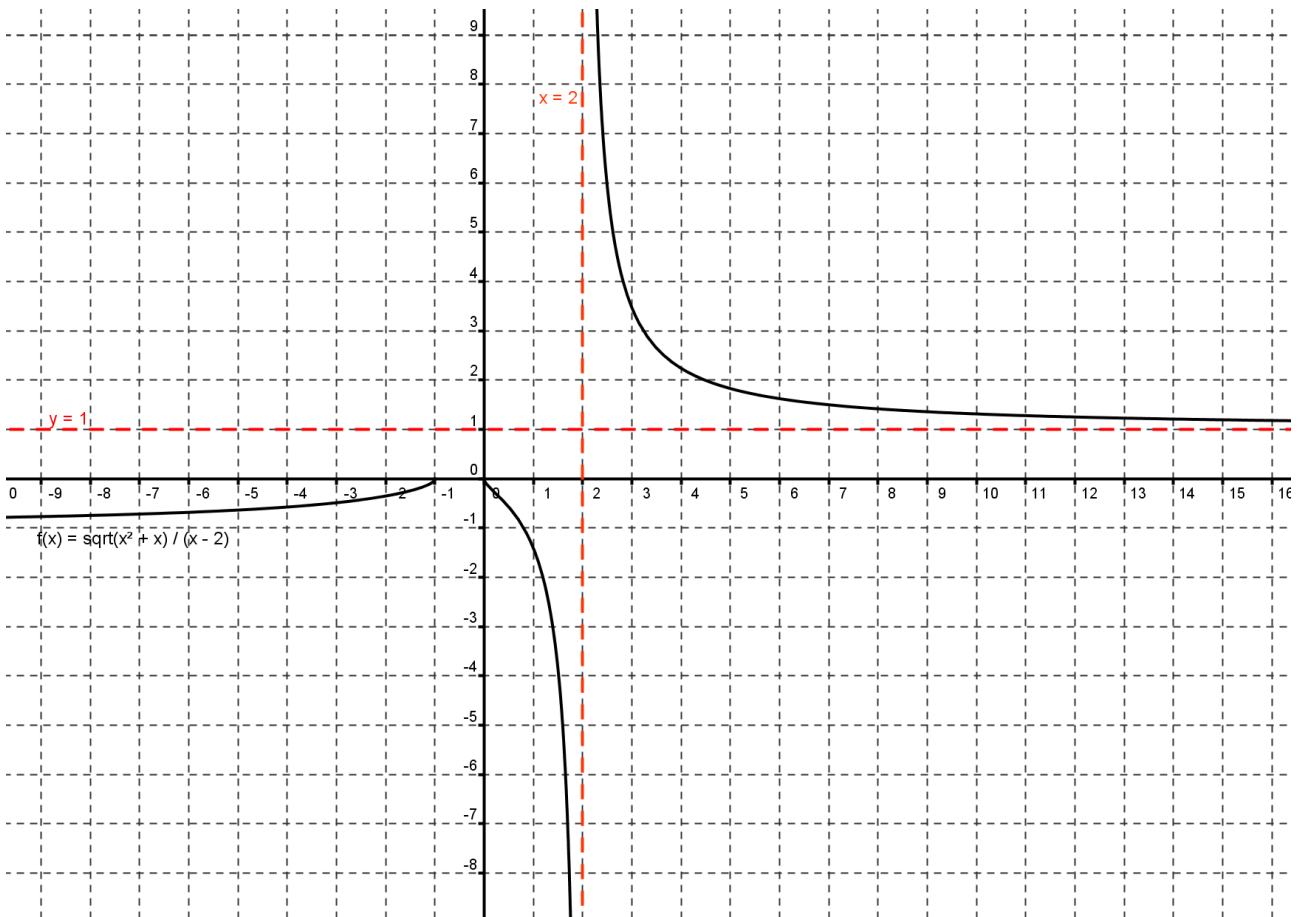


REPRESENTACIÓN GRÁFICA DE FUNCIONES

29. $f(x) = \frac{\sqrt{x^2 - 1}}{x}$

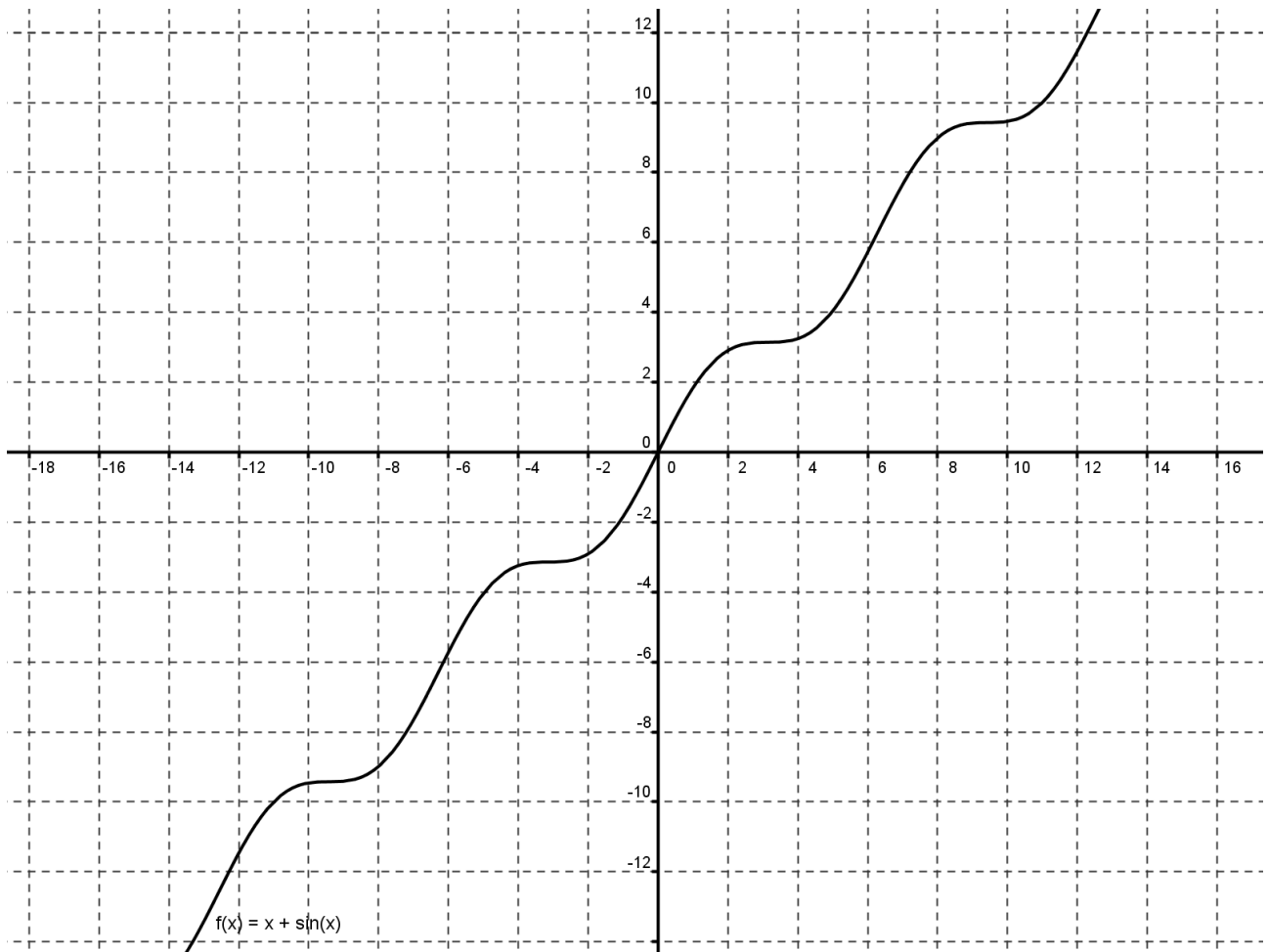


30. $f(x) = \frac{\sqrt{x^2 + x}}{x - 2}$

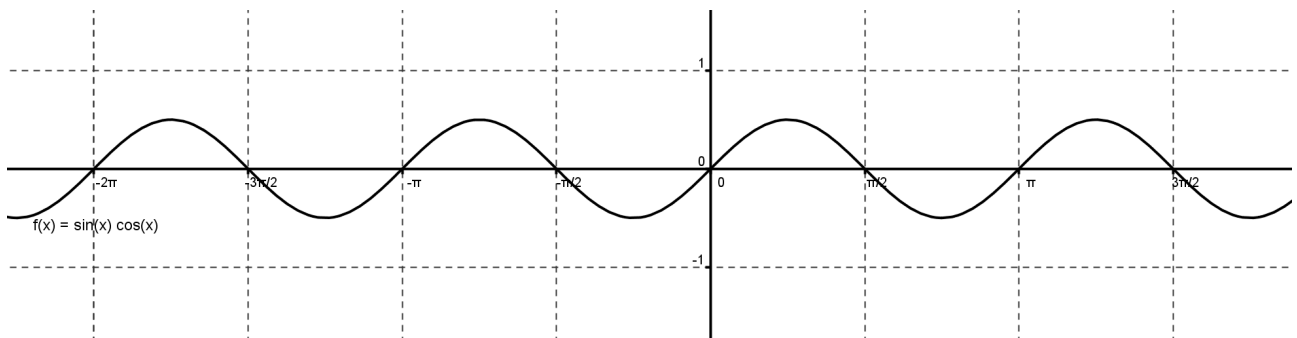


REPRESENTACIÓN GRÁFICA DE FUNCIONES

31. $f(x) = x + \sin x$

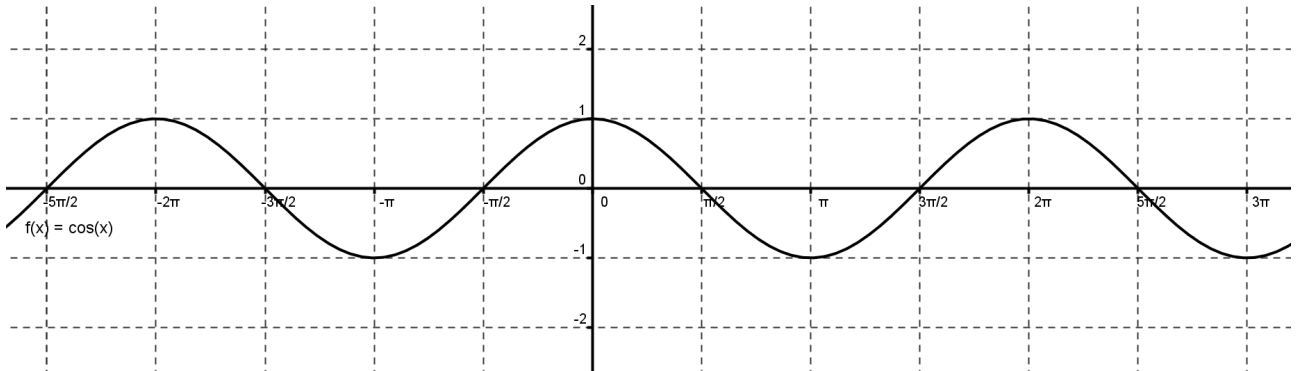


32. $f(x) = \sin x \cdot \cos x$

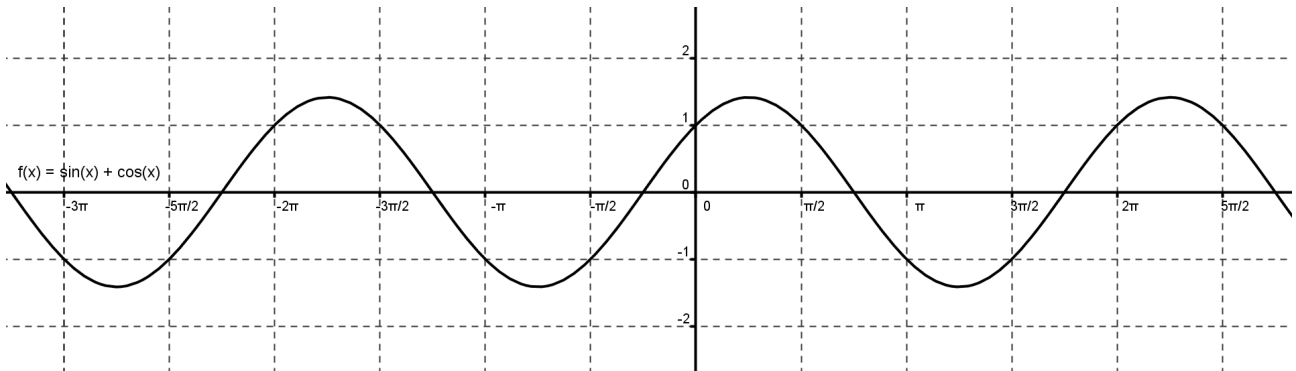


REPRESENTACIÓN GRÁFICA DE FUNCIONES

33. $f(x) = \cos x$



34. $f(x) = \sin x + \cos x$



35. $f(x) = \sin^2 x$

