

Ispitati sljedeće funkcije i nacrtati njihove grafike:

$$y = xe^{\frac{1}{x^2}}$$

$$y = -xe^{\frac{1}{x}}$$

$$y = e^{\frac{2x}{2x+1}}$$

$$y = \ln \frac{x}{1-x}$$

$$y = \frac{x-1}{\ln^2(x-1)}$$

$$y = \frac{x^2 - 3}{e^x}$$

$$y = \ln \left( \frac{x-2}{x+3} \right)$$

$$y = \frac{x-2}{(x+1)^2}$$

$$y = \frac{2x}{x^2 + 1}$$