

POLINOMI

$$f(x) = x^2 \quad f(x) = x^3 \quad f(x) = x^4$$

$$f(x) = (x-1)(x-2)(x-3) \quad f(x) = x(x-2)^2$$

$$f(x) = (x-1)^2(x-3)^2$$

TRACCIARE

I GRAFICI

FUNZIONI RAZIONALI

$$f(x) = \frac{x-1}{x-3}$$

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

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

$$f(x) = \frac{x^3-8}{x^2-1}$$

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

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

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

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

$$f(x) = \frac{e^{-x}}{x}$$

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

$$f(x) = x \ln(x) \quad x > 0$$

$$f(x) = \frac{\ln x}{x} \quad x > 0$$

$$f(x) = x^2 \ln(x) \quad x > 0$$

$$f(x) = \frac{\sin(x)}{x}$$

$$f(x) = x \sin(x)$$

$$f(x) = \tan(x)$$

$$f(x) = [1 + \sin(x)][2 + \sin(x)]$$

$$f(x) = \cos^2(x)$$