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178
$$y = \frac{x^4 - 9x^2}{x^2}$$
; $y = \frac{x^2 - 9x}{x}$.

a chiedians: è vers o fols che
$$\forall x \in \mathbb{R} \setminus \{0\}$$
 $f(x) = g(x)$?

$$f(x) = \frac{x^{4} - 9x^{2}}{x^{2}} = \frac{x^{2}(x^{2} - 9)}{x^{2}} = x^{2} - 9$$

$$g(x) = \frac{x^{2} - 9x}{x} = \frac{x(x - 9)}{x} = x - 9$$

I e of some DIVERSE

1)
$$f: \mathbb{R} \setminus \{0\} \rightarrow \mathbb{R}$$
 $f(x) = \frac{x^4 - 9x^2}{x^2}$ $f \neq g$ puché harmo $g: \mathbb{R} \rightarrow \mathbb{R}$ $g(x) = x^2 - 9$ Depini DIVERSI

2)
$$f: \mathbb{R} \setminus \{0\} \rightarrow \mathbb{R}$$
 $f(x) = \frac{x^4 - 9x^2}{x^2}$

$$g: \mathbb{R}\setminus\{0\} \rightarrow \mathbb{R}$$
 $g(x) = x^2 - 3$ $g(x) = g(x)$

I = g sters dominis



