

Date le seguenti funzioni reali f e g , definite nell'insieme che abbiamo denominato *dominio naturale*, calcolare

$$(f \circ g)(x) + (g \circ f)(x)$$

$$f(x) = \log(x + \operatorname{sen} x), \quad g(x) = \frac{1}{x}$$

$$f(x) = x - \cos x, \quad g(x) = e^x$$

$$f(x) = x - \log(1 - x), \quad g(x) = \cos x$$

$$f(x) = \operatorname{tg}(2x + 1), \quad g(x) = e^{x+1}$$

$$f(x) = \cos(5x), \quad g(x) = \log^2 x$$

$$f(x) = \operatorname{sen}\left(\frac{1}{x}\right), \quad g(x) = \frac{1}{x+1}$$

$$f(x) = \log(1 + \operatorname{sen} x), \quad g(x) = \log x$$

$$f(x) = \frac{1}{1 + \operatorname{sen} x}, \quad g(x) = \log x$$

$$f(x) = 2x^2 + x, \quad g(x) = e^{x+1}$$

$$f(x) = x + \operatorname{sen} x, \quad g(x) = \log(x + 2)$$

$$f(x) = x + 3, \quad g(x) = \log(x + 1)$$

$$f(x) = 3x + \cos x, \quad g(x) = \log(x + 1)$$

$$f(x) = 4e^x + 2, \quad g(x) = \cos(x + 1)$$

$$f(x) = 2x + 4 \log x, \quad g(x) = x + 1$$

$$f(x) = x + \operatorname{sen}(x + 1), \quad g(x) = x^2$$

$$f(x) = x^2 + \operatorname{tg}(x + 1), \quad g(x) = x + 1$$

$$f(x) = \cos\left(\frac{1}{\log x}\right), \quad g(x) = x + 5$$

$$f(x) = \operatorname{sen}(x^2 + x + 1), \quad g(x) = x + 1$$

$$f(x) = (1 + \log x)^2, \quad g(x) = \cos x$$