

Esempio

$$f: x \in \mathbb{R} \longrightarrow f(x) = 3x + 2 \in \mathbb{R}$$

$$g: x \in \mathbb{R} \setminus \{0\} \longrightarrow g(x) = \frac{1}{x} \in \mathbb{R}$$

$$\boxed{f \circ g}$$

$$f(g(x)) = 3g(x) + 2 = 3 \cdot \frac{1}{x} + 2 = \frac{3}{x} + 2$$