

$$\lim_{x \rightarrow -3} f(x) \stackrel{\substack{\text{θέτουμε } y = -x \\ \text{όταν } x \rightarrow -3, y \rightarrow 3}}{=} \lim_{y \rightarrow 3} f(-y) \stackrel{f: \text{περιττή} \Rightarrow f(-y) = -f(y)}{=} \lim_{y \rightarrow 3} [-f(y)] = -\lim_{x \rightarrow 3} f(y) = \boxed{-5}$$