

DOMINIO DE FUNCIONES

Asocia cada función con su dominio (algunos sobran):

a) $f(x) = \sqrt{x+4}$

Dom $f = [-4, +\infty)$

b) $f(x) = \frac{2x-5}{x^2-16}$

Dom $f = (5, +\infty)$

Dom $f = \mathbb{R} - \{4\}$

c) $f(x) = \log(x-5)$

Dom $f = (-\infty, -3] \cup [2, +\infty)$

d) $f(x) = \sqrt[3]{x^2-3}$

Dom $f = (-\infty, -1) \cup (3, +\infty)$

e) $f(x) = \sqrt{x^2-9}$

Dom $f = \mathbb{R}$

f) $f(x) = \frac{x^2+3}{x-4}$

Dom $f = (-\infty, -3) \cup (3, +\infty)$

Dom $f = [-4, 4]$

g) $f(x) = \log(x^2-16)$

Dom $f = (-\infty, -3] \cup (2, +\infty)$

h) $f(x) = \sqrt{\frac{x+3}{x-2}}$

Dom $f = (-\infty, -4] \cup [4, +\infty)$

Dom $f = (-\infty, -3] \cup [2, +\infty)$

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

Dom $f = (-\infty, -3] \cup [3, +\infty)$

j) $f(x) = \sqrt{16-x^2}$

Dom $f = \mathbb{R} - \{\pm 4\}$

Dom $f = (-\infty, -4) \cup (4, +\infty)$