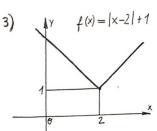
STETIG - UNSTETIG:

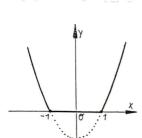
2)
$$f(x) = \frac{1}{x}$$

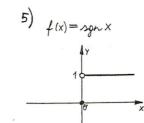
$$D = \mathbb{R} \setminus \{0\}$$

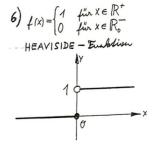


4)
$$f(x) = \begin{cases} x^2 - 1 & \text{for } |x| > 1 \\ 0 & \text{for } |x| \le 1 \end{cases}$$

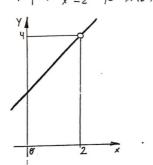
1) $f(x) = x^2$

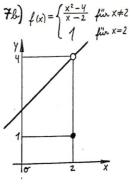




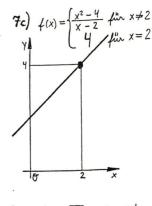


7a)
$$f(x) = \frac{x^2 - 4}{x - 2}$$
, $D = \mathbb{R} \setminus \{2\}$





9) f(x) = id x = x



8) $f(x) = x^2 \cdot sgn x$

