

25. $f(x) = \frac{x^2 - 1}{x} = \frac{(x - 1)(x + 1)}{x}$
 $f = 0$ at $x = \pm 1$. f is not defined at 0.
 $f(x) > 0$ on $(-1, 0)$ and $(1, \infty)$.
 $f(x) < 0$ on $(-\infty, -1)$ and $(0, 1)$.