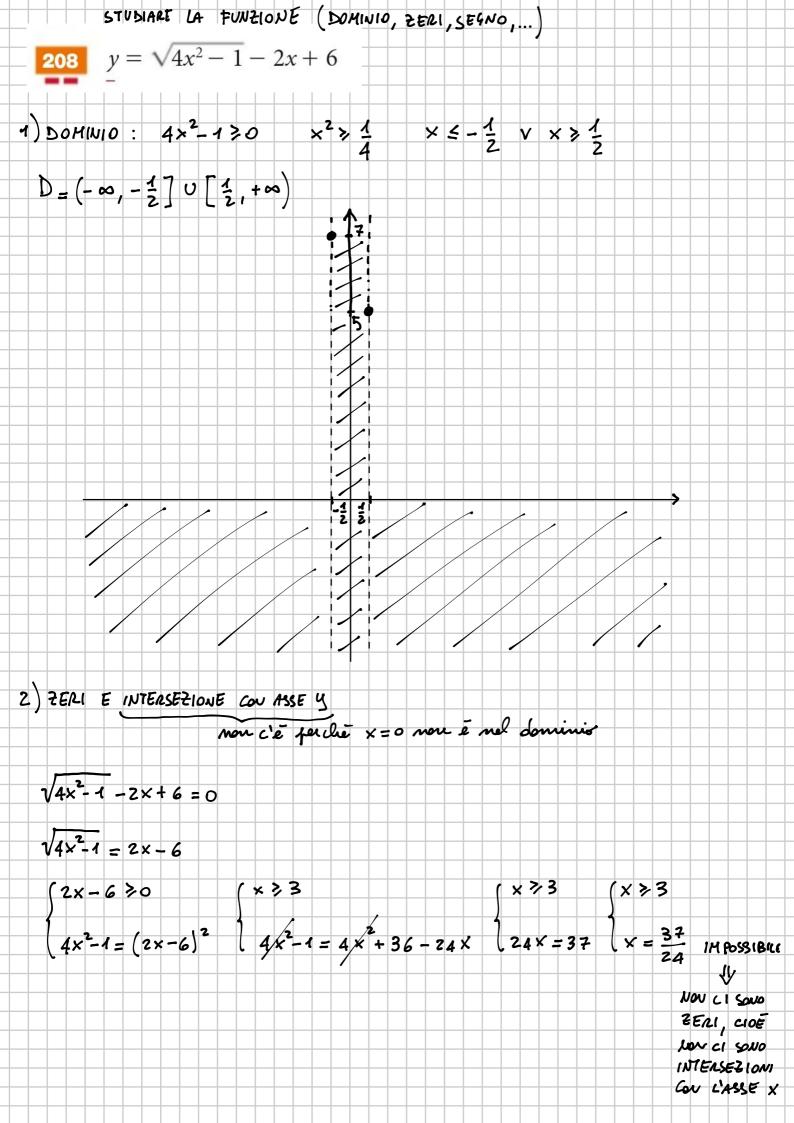
381
$$y = |3x + 5|$$
; DISEGNAGE IL CONTROLLO

$$f(x) = 3x + 5$$

$$f(x) = 3x + 5$$

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$$f(x$$



3) SEGNO

$$\sqrt{4x^2-1} - 2x + 6 > 0$$
 $\sqrt{4x^2-1} > 2x - 6$
 $(2x - 6 > 0)$
 $(4x^2-1 > 0)$
 $(4$

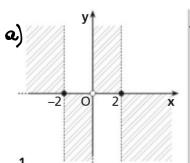
ASSOCIA a ogni funzione la figura che indica la zona in cui si trova il grafico.

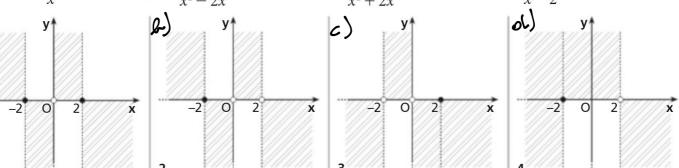
a.
$$y = \frac{x^2 - 4}{x}$$

b.
$$y = \frac{x+2}{x^2-2}$$

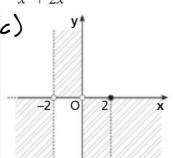
a.
$$y = \frac{x^2 - 4}{x}$$
 b. $y = \frac{x + 2}{x^2 - 2x}$ **c.** $y = \frac{x^2 - 4x + 4}{x^2 + 2x}$ **d.** $y = \frac{\sqrt{x + 2}}{x - 2}$

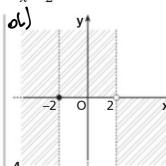
d.
$$y = \frac{\sqrt{x+2}}{x-2}$$



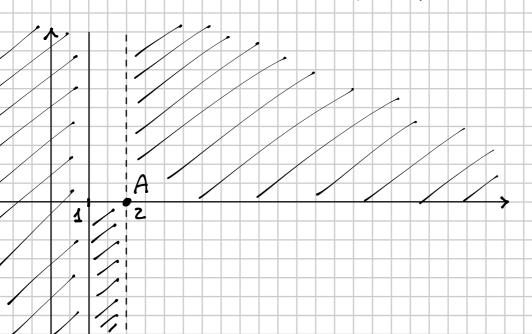


 $D = (1, +\infty)$





$$y = \frac{2 - |x|}{\sqrt{x - 1}}$$



$$\frac{2-|x|}{\sqrt{x-1}} = 0 \implies \begin{cases} 2-|x| = 0 \\ x > 1 \end{cases}$$

$$=> \times = 2$$

$$A(z,o)$$

3) SE4NO

$$\frac{2-|x|}{\sqrt{x-1}} > 0 \Rightarrow \begin{cases} 2-|x| > 0 \\ \times > 1 \end{cases}$$

$$\begin{cases} 2-|x| > 0 \end{cases}$$