

$$\textcircled{1} \quad f(x) = \frac{x^2 - 1}{\sqrt{3x^2 + 2x - 1}}$$

Dominiò e $f(x) > 0$

$\textcircled{2}$ det x:

$$|x^2 - 2x + 1| > 1$$

det x:

$$|x - 3| < 4$$

$$|x^2 - 3x - 4| < 3$$

$\textcircled{3}$

$$(x+1) \ln_2(x^2 - 1) > 0$$