

LIMITES LATERAIS e INFINITOS



$$\begin{aligned} j) \lim_{x \rightarrow +\infty} \frac{5x^3 - 2}{7x} &= \lim_{x \rightarrow +\infty} \frac{x^3 (5 - \frac{2}{x^3})}{7x} = \\ &= \lim_{x \rightarrow +\infty} \frac{x^2 (5 - \frac{2}{x^3})}{7} = \boxed{+\infty} \end{aligned}$$

$$\frac{8}{8} \rightarrow \text{indet.}$$

$$\frac{+\infty}{8} \rightarrow 0$$