

Límite por L'Hopital

Bot Planet

Solución $\lim_{x \rightarrow 3} \frac{x^2 - 9}{x^2 - x - 6} = \frac{3^2 - 9}{3^2 - 3 - 6} = \frac{9 - 9}{9 - 3 - 6} = \frac{0}{0}$

$$\lim_{x \rightarrow 3} \frac{2x' - 0}{2x' - 1x^0 - 0} = \frac{2x}{2x - 1}$$

$$= \frac{2(3)}{2(3) - 1} = \frac{6}{6 - 1} = \frac{6}{5}$$

$$\frac{d}{dx} x^n = nx^{n-1}$$

$$\frac{d}{dx} c = 0$$