

Límite

Solución

$$\lim_{x \rightarrow \underline{2}} \frac{x^2 - 4}{x - 2} = \frac{2^2 - 4}{2 - 2} = \frac{4 - 4}{0} = \frac{0}{0}$$

Bit Planet

$$\lim_{x \rightarrow 2} \frac{(x+2) \cancel{(x-2)}}{\cancel{x-2}}$$

$$(x+2)(x-2) = x^2 - 4$$

$$x^2 - \cancel{2x} + \cancel{2x} - 4$$

$$\lim_{x \rightarrow 2} x + 2$$

$$2 + 2 = 4$$