

Taller encontrar el valor del limite

1) $\lim_{x \rightarrow -\infty} \frac{ax^4 - m}{ax^4 + m} =$

2) $\lim_{x \rightarrow +\infty} \frac{x^2 (2x-3)(4x+1)}{(3x-5)(2x+3)(x+1)^2} =$

3) $\lim_{x \rightarrow -\infty} \left(\frac{x^2-1}{x+2} - \frac{x^2+1}{x-2} \right) =$

4) $\lim_{x \rightarrow +\infty} \frac{3x^2+2x+2}{x^3-2} =$

5) $\lim_{x \rightarrow +\infty} \frac{8x^2+3x+2}{\sqrt{x^3+2x^4}} =$

$4\sqrt{2}$

0

$7\sqrt{2}$

-4

$\frac{4}{3}$

4

1

-1

$\frac{3}{4}$

$-4\sqrt{2}$

9

$\sqrt{2}$