

exercice

calculer la limite

1. $\lim_{x \rightarrow 3^-} \frac{x^2 - 5x + 6}{(3-x)^2}$

2. $\lim_{x \rightarrow 3^-} \frac{x^3 + 1}{x^2 - 2x - 3}$

5. $\lim_{x \rightarrow -\infty} 2x + \sqrt{5x^2 - 1}$

3. $\lim_{x \rightarrow +\infty} 3x - \sqrt{2x^2 + 3}$

4. $\lim_{x \rightarrow 4^+} \frac{\sqrt{3x+4} - 4}{4-x}$