

Tentukan nilai limit berikut

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

2. $\lim_{x \rightarrow 3} \sqrt{x^2 - 5}.$

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

4. $\lim_{x \rightarrow 4} (2x^2 - 3x + 1).$

5. $\lim_{x \rightarrow 1} \frac{5x + 3}{x + 2}.$

6. $\lim_{x \rightarrow 0} \sqrt{x^2 + 9}.$

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

8. $\lim_{x \rightarrow 5} \frac{x^2 - 25}{x - 5}.$

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

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

11. $\lim_{x \rightarrow 3} \frac{x^2 - 2x - 3}{x^2 - 9}.$

12. $\lim_{x \rightarrow 2} \frac{x^3 - 8}{x - 2}.$

13. $\lim_{x \rightarrow -3} \frac{x^2 + 5x + 6}{2x^2 + 7x + 3}.$

14. $\lim_{x \rightarrow 4} \frac{x - 4}{\sqrt{x} - 2}.$

15. $\lim_{x \rightarrow 0} \frac{x}{\sqrt{1+x} - 1}.$

16. $\lim_{x \rightarrow 1} \frac{\sqrt{x} - 1}{x - 1}.$

17. $\lim_{x \rightarrow 0} \frac{x^2 - x}{3 - \sqrt{9 - x}}.$

18. $\lim_{x \rightarrow 2} \frac{\sqrt{x^2 - 4} - \sqrt{x - 2}}{x - 2}.$