

LATIHAN SOAL
KELAS XI MATEMATIKA WAJIB
BAB LIMIT

NAMA :

KELAS/NO :

Jawablah dengan benar !

1. Nilai $\lim_{x \rightarrow 2} \frac{3x}{\sqrt{x+1}+2} =$

2. Nilai $\lim_{x \rightarrow 2} \frac{x^2 + x - 6}{2x^2 - 7x + 6} =$

3. Nilai $\lim_{x \rightarrow 3} \frac{x-3}{2-\sqrt{x}+1} =$

4. Nilai $\lim_{x \rightarrow 3} \frac{\sqrt{6x-2} - \sqrt{3x+7}}{x-3} =$

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

6. Nilai $\lim_{x \rightarrow \infty} \frac{(3x-4)(2x^2+1)}{(2x-1)^3} = \dots$

7. Nilai $\lim_{x \rightarrow \infty} (\sqrt{9x^2 - 5x + 3} - \sqrt{9x^2 + x - 4}) =$

8. Nilai $\lim_{x \rightarrow \infty} (2x + 1) - \sqrt{4x^2 - 4x + 3} =$