

**EVALUASI PEMBELAJARAN
PENYELESAIAN LIMIT DENGAN KALI SEKAWAN**

Nama	:	
Kelas	:	

Selesaikan Soal Berikut dengan Mengisikan Bagian yang Kosong!

$$\begin{aligned}
 1. \quad & \lim_{x \rightarrow 4} \frac{x-4}{x-\sqrt{6x-8}} = \dots \\
 &= \lim_{x \rightarrow 4} \frac{x-4}{x-\sqrt{6x-8}} \times \frac{\boxed{} \boxed{} \sqrt{\boxed{}}}{\boxed{} \boxed{} \sqrt{\boxed{}}} \\
 &= \lim_{x \rightarrow 4} \frac{(x-4)(\boxed{} \boxed{} \sqrt{\boxed{}})}{\boxed{} \boxed{} \boxed{}} \\
 &= \lim_{x \rightarrow 4} \frac{(x-4)(\boxed{} \boxed{} \sqrt{\boxed{}})}{x^2 - 6x + 8} \\
 &= \lim_{x \rightarrow 4} \frac{(x-4)(\boxed{} \boxed{} \sqrt{\boxed{}})}{(\boxed{})(\boxed{})} \\
 &= \lim_{x \rightarrow 4} \frac{(x + \sqrt{6x-8})}{(\boxed{})} \\
 &= \frac{(\boxed{}) + \sqrt{6(\boxed{}) - 8}}{(\boxed{}) - 2} = \frac{\boxed{} + \sqrt{\boxed{}}}{2} = \frac{\boxed{} + \boxed{}}{2} = \frac{\boxed{}}{2} = \boxed{}
 \end{aligned}$$

$$\begin{aligned}
 2. \quad & \lim_{x \rightarrow 3} \frac{\sqrt{2x+1} - \sqrt{x+4}}{x-3} = \dots \\
 &= \lim_{x \rightarrow 3} \frac{\sqrt{2x+1} - \sqrt{x+4}}{x-3} \times \frac{\sqrt{\boxed{}} \boxed{} \sqrt{\boxed{}}}{\sqrt{\boxed{}} \boxed{} \sqrt{\boxed{}}} \\
 &= \lim_{x \rightarrow 3} \frac{(\boxed{}) - (\boxed{})}{(x-3)(\sqrt{\boxed{}} \boxed{} \sqrt{\boxed{}})} \\
 &= \lim_{x \rightarrow 3} \frac{\boxed{}}{(x-3)(\sqrt{\boxed{}} \boxed{} \sqrt{\boxed{}})} \\
 &= \lim_{x \rightarrow 3} \frac{1}{\sqrt{2x+1} + \sqrt{x+4}} \\
 &= \frac{1}{\sqrt{2(\boxed{}) + 1} + \sqrt{(\boxed{}) + 4}} = \frac{1}{\sqrt{\boxed{}} + \sqrt{\boxed{}}} = \frac{1}{\boxed{} \sqrt{\boxed{}}}
 \end{aligned}$$