

Limit Test Review

p.87 #5-16

1. $\lim_{x \rightarrow 0} \frac{\sin x}{6x}$

2. $\lim_{x \rightarrow 0} \frac{\tan x \cos x}{3x}$

3. $\lim_{x \rightarrow 0} \frac{2(\sec x - 1)}{3x \sec x}$

4. $\lim_{x \rightarrow \pi/2} \frac{\cos x}{\cot x}$

5. $\lim_{x \rightarrow 0} \frac{\sin^2 x}{x}$