

Math 103, Fall 2014
Week 4

After Class Homework
Due never

1. Find $\lim_{x \rightarrow 4^+} \frac{x}{4-x}$.
2. Find $\lim_{x \rightarrow 2} \frac{x-2}{\sqrt{x-1}-1}$.
3. Find $\lim_{x \rightarrow \infty} \frac{2x+\cos x}{x}$.
4. Find $\lim_{x \rightarrow \infty} \frac{\sqrt{4x^3+1}-3}{(\sqrt{x+1})^3+2x-1}$.