

R. Bruner
Math 2010, Winter 2007, Quiz 11
27 March 2007

Compute

$$(a) \lim_{x \rightarrow 0} \frac{1 - \sqrt{x+1}}{2 - \sqrt{x+4}} \qquad (b) \lim_{x \rightarrow \infty} \frac{x^2 + x + 1}{x - e^x}$$