

27  
(115)  $\lim_{x \rightarrow 0} \frac{\sqrt{1-65x}}{x} \cdot \frac{\sqrt{1+6x}}{\sqrt{1+6x}} = \lim_{x \rightarrow 0} \frac{\sqrt{1-65x}}{x \sqrt{1+6x}} = \lim_{x \rightarrow 0} \frac{1}{\sqrt{1+6x}} = \begin{cases} x \rightarrow 0^+ & \frac{1}{\sqrt{2}} \\ x \rightarrow 0^- & -\frac{1}{\sqrt{2}} \end{cases}$