

**18.** 
$$\lim_{h \rightarrow 0} \frac{\sqrt{4+h} - 2}{h}$$
$$= \lim_{h \rightarrow 0} \frac{4+h-4}{h(\sqrt{4+h}+2)}$$
$$= \lim_{h \rightarrow 0} \frac{1}{\sqrt{4+h}+2} = \frac{1}{4}$$