

Problems: **1.** p144 Find $\frac{d}{dx} \left(\frac{x+1}{x-1} \right)$ using the limit definition. **2.** p155 Find $\frac{ds}{dt}$ for $s = \sqrt{t}(t^3 - \sqrt{t} + 1)$.

3. p182 #42 **4.** p284 #11 **5.** p307 #58