158. $0 > -\left(\frac{1}{2}\right)$ (Substitute eq 123 in 157)

159. $1 > -\left(\frac{1}{2}\right)$ (Thm 2.1.7(a) on stmt 151, 158)

160. $\therefore x < -\left(\frac{1}{2}\right) < 1 \quad \therefore Q = \left\{x \in R : x < -\left(\frac{1}{2}\right)\right\}$ ∎

161. Now, using (2), let $(2x+1) = 0$ 162. $\frac{x+2}{(2x+1)}$ by defn, only holds when $(2x+1) \neq 0$

163. $\therefore (2x+1) \neq 0$