

0.2
2

⑩ $\Delta \geq 0$ \Rightarrow $\Delta \geq 0$

$$0 \leq 4(m+1)^2 - 8(m-1) = 4m^2 + 8m + 8 - 8m + 8 = 4m^2 + 16$$

$$\textcircled{1} \frac{1}{2} > \frac{1}{x_1} + \frac{1}{x_2} = \frac{x_2 + x_1}{x_1 \cdot x_2}$$

$$x_1 + x_2 = 2(m+1)$$

$$x_1 \cdot x_2 = 2(m-1)$$

$$\frac{1}{2} > \frac{2(m+1)}{2(m-1)}$$

$$\rightarrow 0 > \frac{2(m+1) - m + 1}{m-1} = \frac{m+3}{m-1}$$



$$-3 < m < 1$$