

4.23
29

$$|z-1| \leq |z+1| \rightarrow (x-1)^2 + y^2 \leq (x+1)^2 + y^2 \rightarrow |0 \leq x|$$
$$0 \leq \operatorname{Re}(z^2) = \operatorname{Re}(x^2 + 2xyi - y^2) \rightarrow 0 \leq x^2 - y^2 \rightarrow \begin{matrix} y \leq x \\ y \geq -x \end{matrix}$$

