

Another Inequality

Let $z_1, z_2 \in \mathbb{C}$. Then

$$|z_1 - z_2| \geq \dots\dots\dots$$

PROOF: Suppose $z_1, z_2 \in \mathbb{C}$. By the triangle inequality

$$|z_1| = |z_1 - z_2 + z_2| \leq |z_1 - z_2| + |z_2|$$