

QUESTION Which of the following sets is neither open or bounded?

(a) $|z - 2 + i| \leq 1$.

(b) $|2z + 3| > 4$.

(c) $\text{Im}z > 3$

(d) $|z - 4| \geq |z|$

(e) $0 \leq \text{Arg}z \leq \frac{\pi}{4}$, ($z \neq 0$.)

ANSWER (e)