

Stuck Lid Act

A glass jar ($\alpha = 3 \times 10^{-6} \text{ K}^{-1}$) has a metal lid ($\alpha = 16 \times 10^{-6} \text{ K}^{-1}$) which is stuck. If you heat them by placing them in hot water, the lid will be

A. Easier to open ← CORRECT

B. Harder to open

C. Same

Metal lid expands more, making a looser fit, and easier to open!