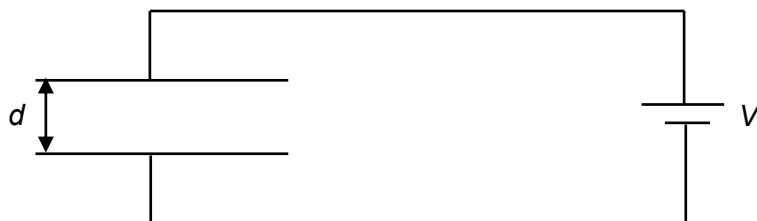**20** A potential difference V is applied between two parallel plates a small distance d apart, and produces an electric field of strength E between the plates.

What is the electric field strength between the plates when both V and d are doubled?

A $\dfrac{E}{4}$ **B** E **C** $2E$ **D** $4E$