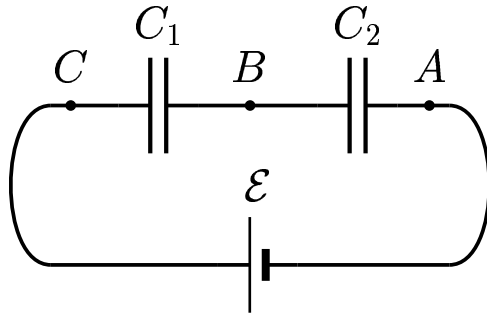


Given: Capacitances C_1 and C_2 , where $C_2 > C_1$.



Find the comparison between V_{BA} and V_{CB} .

- A) $V_{BA} > V_{CB}$
- B) $V_{BA} = V_{CB}$
- C) $V_{BA} < V_{CB}$
- D) Cannot be determined.

$$V \equiv \frac{Q}{C}$$

Therefore, the larger voltage drop will be across the capacitor with the smaller capacitance.

Answer **C**.