

Exercise 24.19

Two capacitors are connected parallel to each other. Let $C_1 = 3.30 \mu\text{F}$, $C_2 = 5.30 \mu\text{F}$ be their capacitances, and $V_{ab} = 60.0 \text{ V}$ the potential difference across the system.

Part B

$$Q_2 = 318 \mu\text{C}$$

[My Answers](#)

Correct

Part C

Calculate the potential difference across each capacitor

$$V_1 = 60.0 \text{ V}$$

[My Answers](#)

Correct

Part D

$$V_2 = 60.0 \text{ V}$$

[My Answers](#)

Correct