

Previous Quiz

Define potential difference. Voltage.

Define electromotive force. Voltage.

A condenser may also be called what? Capacitor.

$C = KA/t$. What are we calculating? Capacitance. How do I find K? $K = tC/A$. What is t? Distance between plates or thickness of dielectric.

Which electronic component will act like a firecracker if connected to the proper voltage but in reversed polarity (be specific)? Electrolytic capacitor. Some rare costly electrolytic capacitors are non-polarized; used in speakers in crossovers, since handles AC. Take two electrolytic capacitors back to back, connect negative leads together, make a non-polarized electrolytic capacitor.

$Q = CE$. What are we calculating? Charge in coulombs that a capacitor would hold. What is C? Capacitance. What is Q? Charge in coulombs.

Quiz

Timed quiz, until 3 PM.

Assignments

Look on oscilloscope sites (Tek, Leader). Write a report on all controls on the oscilloscope. Due Thursday.

Turn in corrections for the quiz on Tuesday.

Projects