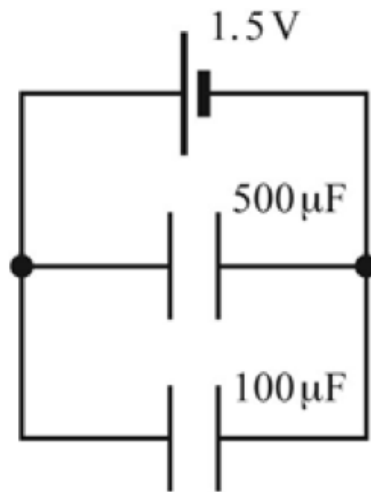


1. The diagram shows an electrical circuit.



- Calculate the total capacitance of the two capacitors in parallel.
- What is the potential difference across each capacitor?
- Calculate the total charge stored by the circuit.
- Calculate the total energy stored by the capacitors.