

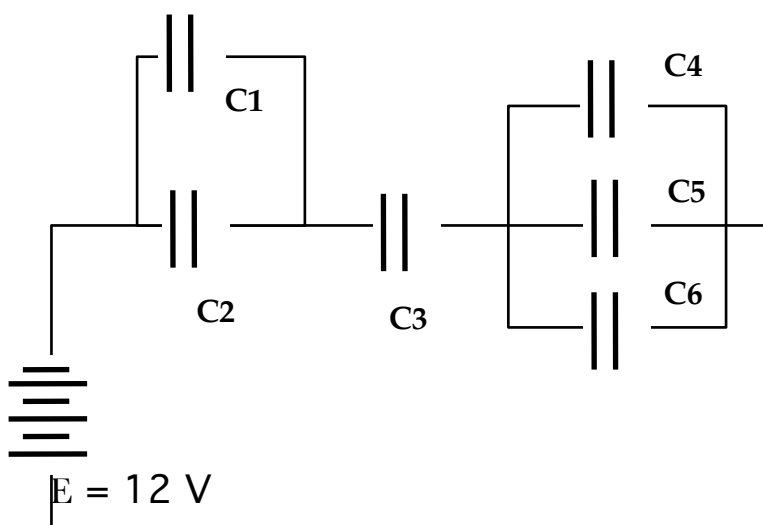
If a 25 C capacitor stores 1.5 J of energy, what is the charge stored on the capacitor?

What is the potential difference if a 47 μF capacitor uses 7.1 J of work to charge?

If 200J of energy is stored by a capacitor in a 6V circuit, what is the value of the capacitance?

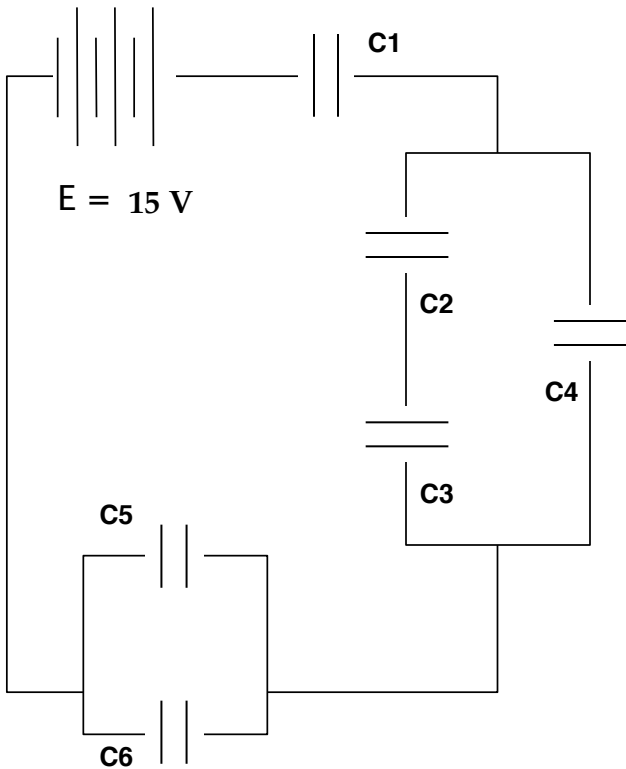
If 49 mJ of energy is stored by a capacitor in a 1.5 V circuit, how much charge is on the capacitor?

How many extra electrons are stored on a 10 μF capacitor in a 20 V circuit?



	Q	V	C μF	W
C1			150	
C2			150	
C3			600	
C4			25	
C5			75	
C6			100	
T		12		

Complete the table for the circuit below



	Q ()	V (V)	C (F)	W ()
C1			40	
C2			18	
C3			36	
C4			8	
C5			10	
C6			30	
T		15		

Find the charge on a 3.5 F capacitor if it is connected to a 12 V battery.

How much energy is stored in a 4.7 μF capacitor connected to a 9 V battery?

What is the capacitance of a capacitor that holds 5 C of charge with a 10V potential?

What is the energy stored on a capacitor in an 8V circuit that holds 120 μC of charge?