

L1Q1	What is the charge of 1 billion electrons?	-1.6E-10	C	-160	pC
L1Q2	If 1 billion electrons pass a cross section of a wire every nanosecond, what is the electric current in amps?	-0.16	A	-160	mA
L1Q3	A certain battery imparts 480 pJ to every 1 billion electrons. What is its voltage?	3	V		
L1Q4	What is the charge moved through 400 V to provide 800 kJ of energy?	2000	C		
L1Q5	What is the average current if the energy in Q4 is provided in five seconds?	400	A		
L1Q6	A flashlight battery dissipates 6W at 2A. What is the supplied voltage?	3	V		