Inspiring Excellence

Assignment: 1	Deadline: 8 Feb 2024 (11:59 PM)		Marks: 100
Q1: CO2	Q2: CO2	Q3: CO2	Q4: CO2

Q1. Draw the alternative representation (Line diagram) of the following circuits: *[10+10]*
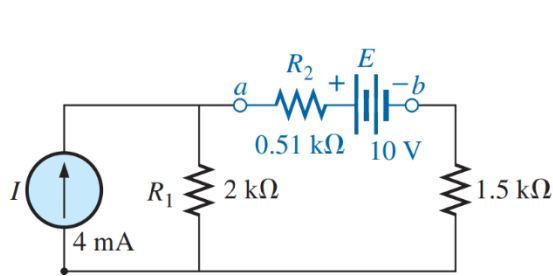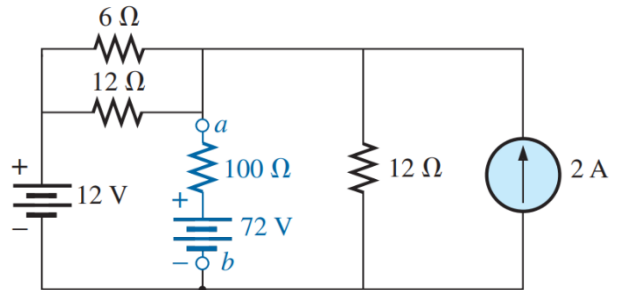
(a)   (b)
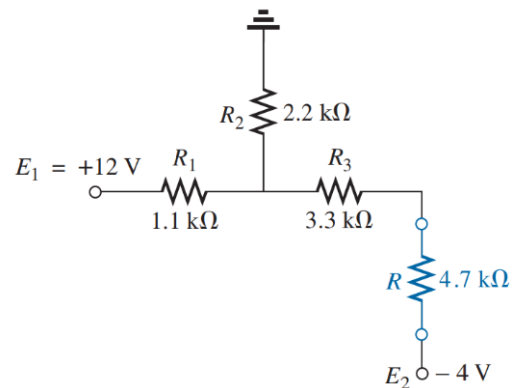
Q2. There are two 12Ω resistors in the circuit of Figure Q1(b). Among the two, which one carries more current? *[30]*

Q3. Determine the dissipated power for the *blue colour marked* resistor on the right-hand side figure. *[20]*

Q4. For the figure on the right-hand side, determine the current which goes through the *blue colour marked* 10V battery between the nodes a-b. *[30]*