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determine the following quantities for each of the  
two circuits shown below the equivalent resistance  
the current from the power supply the current  
through each resistor the voltage drop across each  
resistor the power dissipated in each resistor  
solution follow the rules for series circuits  
resistances in series add up

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draw in your notebook the symbols to represent the  
following components of electrical circuits  
connecting wires switch in the off position bulb  
cell switch in the on position and battery  
solution 2 draw the circuit diagram to represent  
the circuit shown in fig 14 21 solution 3

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following questions

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**numerical** Jan 12 2023 1 the following graphs represent the current versus voltage and voltage versus current for the six conductors a b c d e and f which conductor has least resistance and which has maximum resistance ans least rf  $0.4 \Omega$  maximum rc  $2.5 \Omega$  2 lightning is very good example of natural current

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