- A student connects a small solar panel to a 40 Ω resistor to make a simple circuit. The solar panel produces a voltage of 2 V.
 a. Identify a different circuit component that could serve the same purpose as the solar panel
 - in this circuit.

 b. Calculate the current in the student's circuit. Show your calculations and include units in
 - your answer.

 c. Calculate the power produced by the student's circuit. Show your calculations and include
 - c. Calculate the power produced by the student's circuit. Show your calculations and include units in your answer.
 - d. Describe one way the student can modify the circuit to increase the current through the resistor.