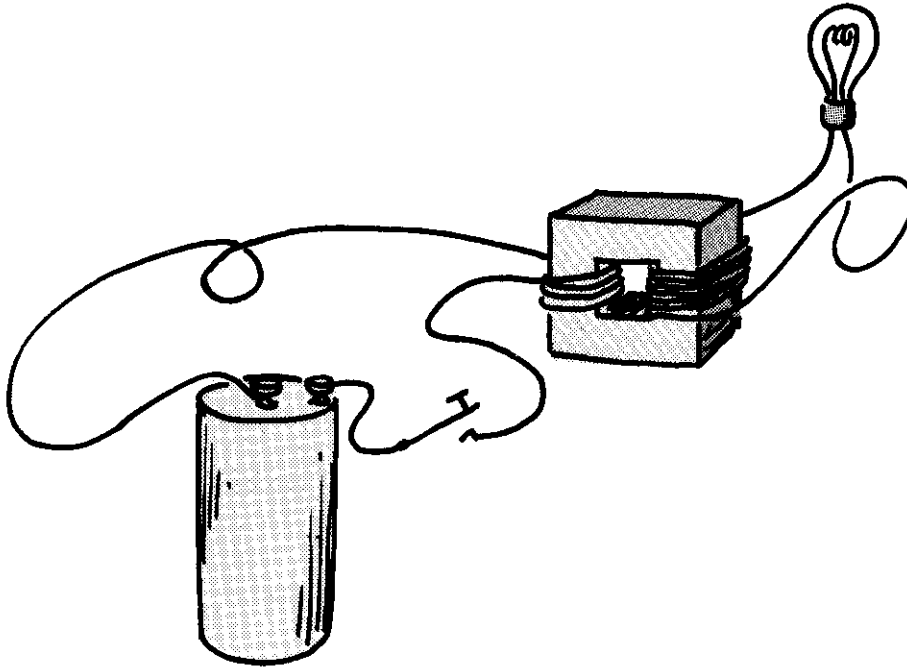


MISUSED TRANSFORMER

A big battery is connected to a lamp by means of a transformer—but no electricity can leave the battery until the switch is pressed down and closed. Only one of the following statements is true. Which is it?



- a) As long as the switch is down the lamp is lit
- b) The lamp never lights with this arrangement
- c) The lamp might light momentarily only when the switch is closed
- d) The lamp might light momentarily only when the switch is opened
- e) The lamp might light momentarily when the switch is closed and momentarily again when it is opened