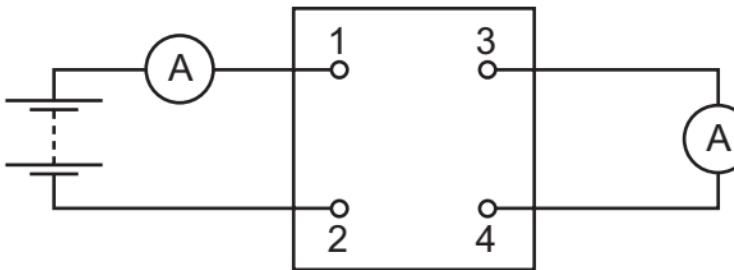


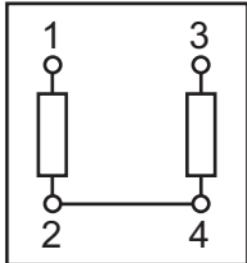
38 The diagram shows a four-terminal box connected to a battery and two ammeters.



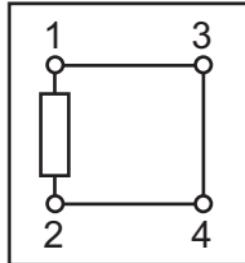
The currents in the two meters are identical.

Which circuit, within the box, will give this result?

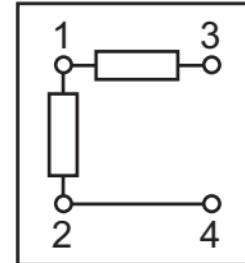
A



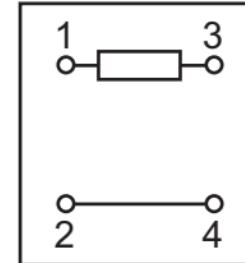
B



C



D



39 A material contains a radioactive isotope that disintegrates solely by the emission of γ particles at