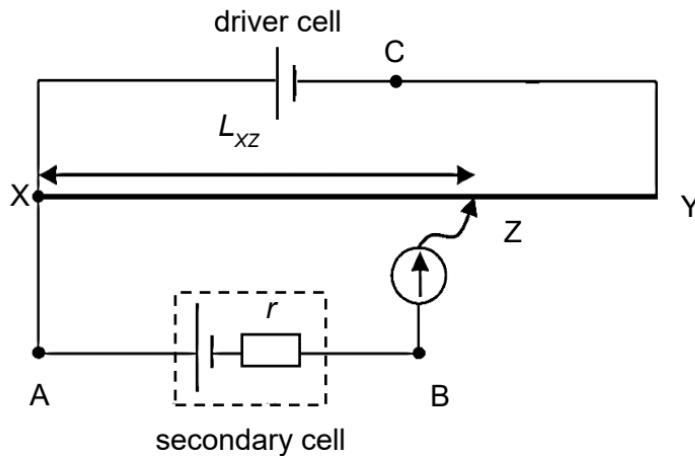


22 A typical potentiometer circuit is shown.



Which of the following does **not** increase the balance length  $L_{xz}$ ?

- A decreasing the e.m.f. of the driver cell.
- B increasing the e.m.f. of the secondary cell.
- C adding a fixed resistor in series with the driver cell at point C.
- D decreasing the internal resistance of the secondary cell.

23 In the direction opposite of an electric field line, which of the following must be true?