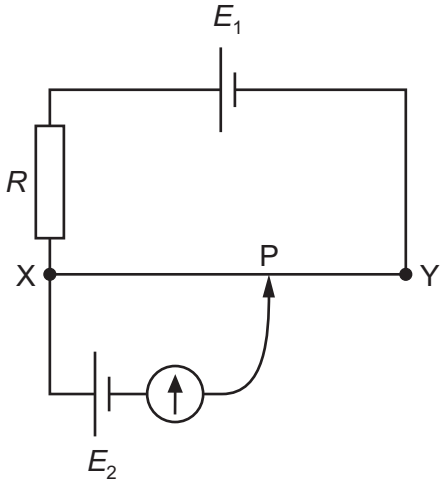
37 The diagram shows a potentiometer circuit used to compare the electromotive forces (e.m.f.), E_1 and E_2, of two cells.

XY is a uniform resistance wire. The fixed resistor has resistance R.

A sliding contact is moved along the wire XY. When the sliding contact is at position P, the galvanometer reads zero.



The circuit is changed so that the galvanometer reads zero when the sliding contact is at a new position to the left of P.

Which change could have been made to the circuit?

A The wire XY was replaced with one of lower resistance.

B E_2 was increased.

C E_1 was decreased.

D R was decreased.