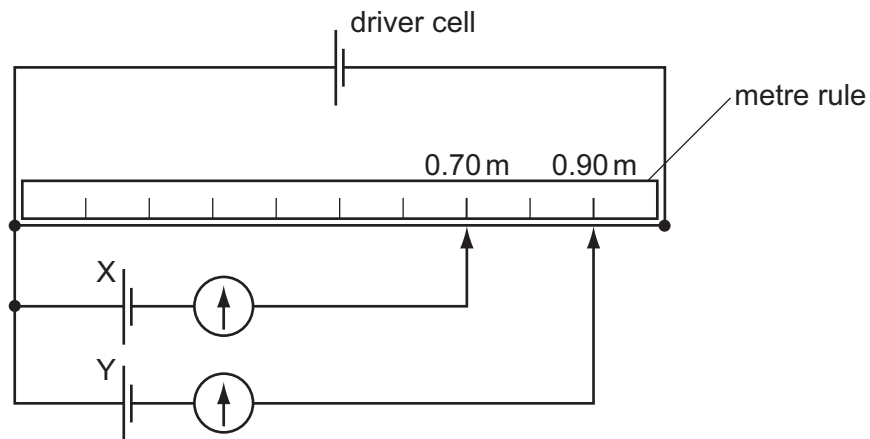


34 A potentiometer is used as shown to compare the e.m.f.s of two cells.



The balance points for cells X and Y are 0.70 m and 0.90 m respectively.

If the e.m.f. of cell X is 1.1 V, what is the e.m.f. of cell Y?

- A 0.69 V      B 0.86 V      C 0.99 V      D 1.4 V