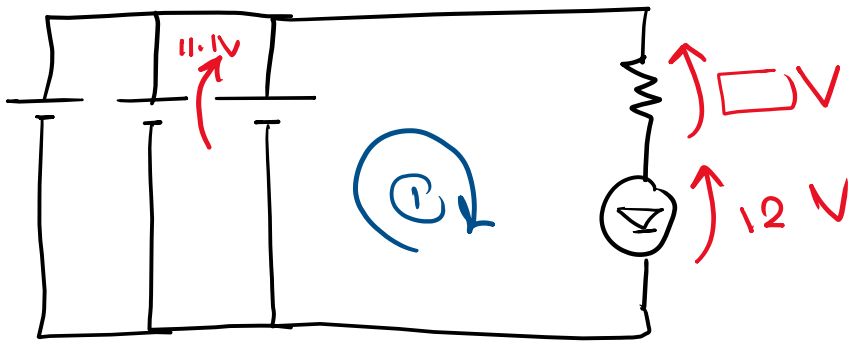

* By ohm's law ⇒ $I = V/R$

by Considering LED is ideal diode ⇝ (Short Circuit in forward bias)

∴ (KVL in Loop ①) , $11.1 - \square - 0 = 0$

∴ $\square = 11.1\ V$

→ getting back to ohm's law :- $I = \frac{11.1}{3.3} = 3.36\ A$

→ multiply it by 5 hours ⇝ $3.36 \times 5 = 16.81\ A/hour$

→ divide it by the Ah of one battery ⇝ $\frac{16.81}{5.2} = 3.23$ Batteries

$\simeq$ 4 Batteries

∴ we need 4 Batteries to light it up for more than 5 hours.