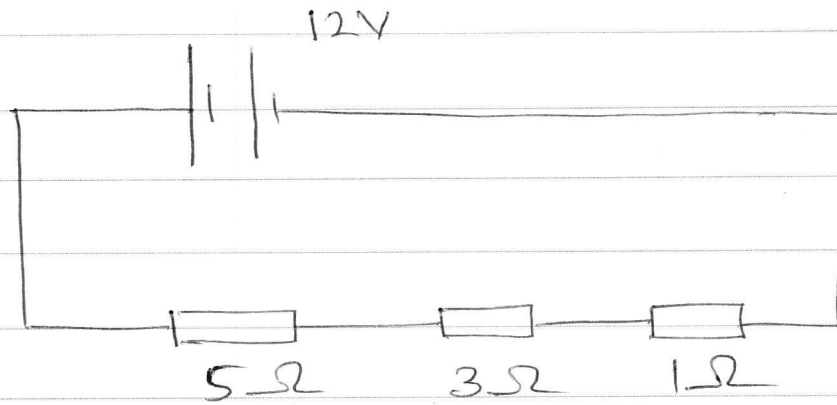


5

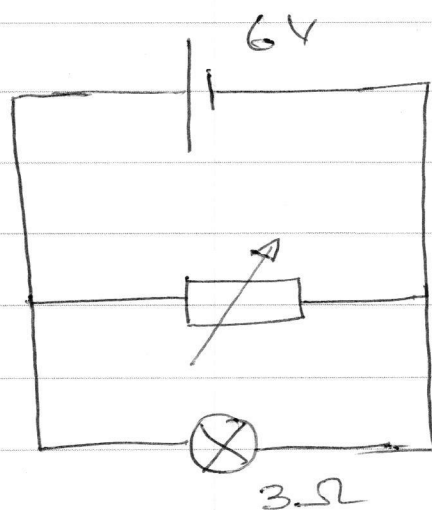


(a) Work out the current flowing through the 3Ω resistor.

(b) Work out the power dissipated in ~~the~~ the 5Ω resistor.

(c) Work out the power supplied by the battery and hence calculate the amount of energy supplied by the battery in 5 minutes.

6



(a) ~~When the variable~~
The variable resistor is adjusted