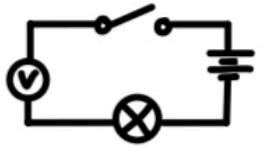


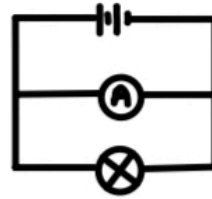
Electronic

Series circuit



wire is in a continuous loop.

Parallel circuits



Wires are parallel and can split off.

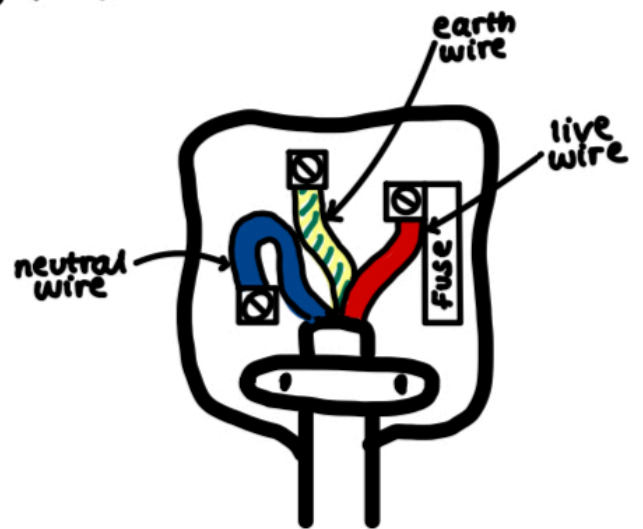
Ohms Law shows that current is directly proportional to the voltage this could be shown as $I \propto V$.
It also shows that voltage is indirectly proportional to its resistance. this could be shown as $V \propto 1/R$.

$$P = \frac{E}{t}$$

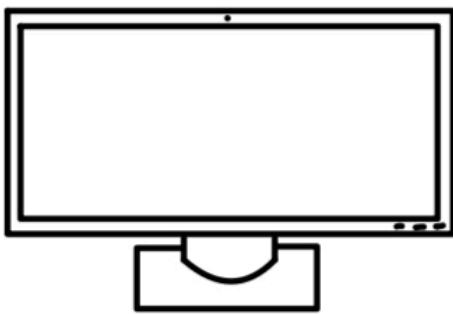
Power is measured in Watts (W)

energy is measured in Joules (J)

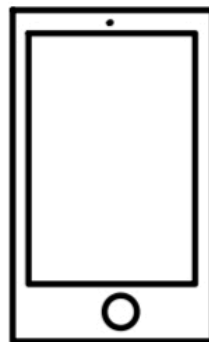
time is measured in seconds (s)



Examples where there are electronics:



Computer



mobiles



toaster