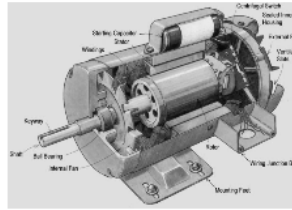
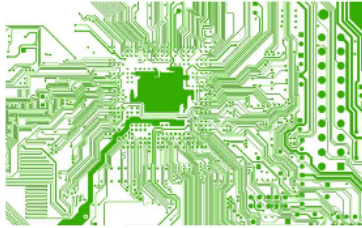


Name: _____

SPH3U Unit 5: Electricity and Magnetism**Unit Goal:** Circuits, motors, and transformers

What it is:	<u>Circuit</u> : a way of connecting electrical devices. <u>Motor</u> : a device that turns electricity into E_k . <u>Transformer</u> : transforms electricity from one current/voltage to another.
What we want to do:	- make electricity - build circuits - equations: P, W, V, I, R - draw circuits - power from motors. - why motors move. - magnetic attraction. - new V/I
What we already know:	- physics - $P = \frac{W}{t} = \frac{\Delta E}{\Delta t}$ - E_k - google/Wikipedia - how to draw
What we need to learn:	- I, V, R - Right Hand Rule. - magnets - other stuff!