

Things we remember about E/M

- EM spectrum
- Ohm's Law $V = IR$
- $\frac{1}{R_1 + R_2 + \dots} = R_{eq}$
- $P = IV$
- Coil moving through B-field \rightarrow electricity
- Matter can have +/- charge measured in C
- Series/parallel circuits
- No monopole magnet (yet?)
- Magnets \rightarrow opposites attract
- Electricity is carried by electrons
- Voltage is same in parallel branches

STICKY TAPE LAB

• On whiteboard:

— Chart **Attract (A), Repel (R), Nothing (N)**
 T B Foil Paper

T
 B
 Foil
 Paper
 Plastic

— FBD for attraction
 and repulsion