REC 3.1 Guided Notes:

Instructions: Write your answers in a different color font.

1. The **electric motor** uses electricity and transforms it into **\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
2. What is an electromagnet?
3. Define
   1. split – ring commutator.
   2. Windings
   3. Pole
   4. Armature
   5. Rotor
   6. Stator
   7. Shunt-wound motor
   8. Angular velocity
   9. Spin rate
   10. Tachometer
   11. Free spin
4. What is Michael Faraday credited for?