Electromagnetism Assignment

Define the following terms:

1. Induced Magnetism
2. Solenoid
3. Electromagnetic Induction
4. Induced EMF
5. Transformer (not the cars!)
6. Faraday’s Law
7. Magnetic Flux
8. Lenz’ Law
9. Direct Current
10. Alternate Current
11. Slip ring commutator
12. What are [Kirchhoff's Laws](http://theory.uwinnipeg.ca/physics/curr/node8.html)

Once you’ve completed these definitions, pick one of the following scientist and answer the questions:

1. Where is their country of origin and where did they do most of their work?
2. What are their major contributions to our knowledge of electricity, or magnetism, or electromagnetism?
3. Did they have any inventions? If so what were they?
4. How did their research influence present day technology?

The scientists you may choose from are:

1. Alessandro Guiseppe Antonio Anastasio Volta
2. Andre-Marie Ampere
3. James Prescott Joule
4. Georg Simon Ohm
5. Charles William Siemens
6. Charles-Augustin Coulomb
7. Michael Faraday
8. Nicola Tesla
9. Wilhelm Eduard Weber
10. Heinrich Rudolf Hertz
11. Gustav Robert Kirchoff