15. A current carrying wire experiences a ______ in a magnetic field.

16. How does a simple DC motor work?

13. What is an electromagnet?

17	. Compases point towards the North Pole because even the	has a magnetic field.
Ch. 37	- Electromagnetic Induction (p. 577)	
1.	Examine figure 37.1 on page 577: When a magnet is moved into a coil of wand in the coil are set in motion.	vire is induced in the coil
2.	How much voltage is produced depends on what two things:	
	a)	
	b)	
3.	What is electromagnetic induction?	
4.	State Faraday's Law:	
5.	What is a generator?	
6.	Transformers can "step-up" or "step-down" voltage. What is the purpose	of a transformer?
7.	What does it mean to "induce" an electric or magnetic field?	
8.	An electromagnetic wave is composed of	

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