

Reading questions 14.2
Magnetism from Electric Currents Pp 468-473

Name _____

1. List the objectives of this section.
2. What did Oersted find?
3. Which way does a compass point near a current carrying wire?
4. What is the right hand rule?
5. What should you do to be safe?
6. How can you increase the force of a current?
7. How does a solenoid increase the strength of a magnetic field?
8. What two things affect the strength of the magnetic field in a solenoid?
9. What is an electromagnet?

10. What causes the magnetic field in an atom?

11. What is a domain?

12. How are the domains arranged in a magnetized piece of iron?

13. What is a galvanometer?

14. Why does a galvanometer turn?

15. What is an electric motor?

16. What are the parts of an electric motor?

17. Why does the motor keep turning?

18. What are the parts of a speaker?

19. What makes the cone move in a speaker?