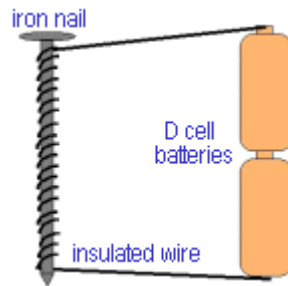


Electromagnets

Homework (BBW 24,25,30,31)
WEEK 4



1. Hans Oersted made an important discovery in 1820. What did he discover?

2. In a magnetic levitation train, the magnets in the train are repelled by
_____ in the track, making the train float along.
3. A magnet that works by electricity is called an _____.
4. Electricity flows only when it is given _____
or _____.
5. Solar cells turn light from the sun into _____.
6. Our reading for today mentions two fish that can make their own electric currents.
Which fish uses electricity to feel their way along the bottom of a river?

7. Which fish stuns their prey with an electric shock?

8. What scientist made the first battery in 1800?

9. The scientist named in #8 found that when copper and zinc are stacked alternately and separated by strips of cloth soaked in salty water or an acid, what flows between them?

(Please check answers when finished)

*answers: 1) that an electric current produces magnetism 2) magnetism
3) electromagnet 4) energy or power 5) electricity 6) catfish 7) eel 8) Alessandro Volta 9) electric current*