

Name: _____ Date: _____ TOC: _____

Chapter 1: Section 1 --What is Magnetism?

Magnetic Fields p. 9-10

Cornell Notes—Magnetic Field

1. .	Magnetic Field —area of magnetic force around a magnet. <ul style="list-style-type: none">• _____ at the poles• All around the _____• Allows magnet to _____ without _____
2. How can a magnet interact without touching?	Magnetic Field Lines — <ul style="list-style-type: none">• Invisible lines that _____ the magnetic _____ around a _____• They spread out from _____ pole, _____ around the magnet, and return to other _____• Form a _____ from pole to _____ without _____• Always leave the _____ and enter the _____• The _____ between the MFL indicate the _____ of the _____
3. Do magnet field lines leave a particular pole?	
4. Draw the MFLs looping a magnet.	Combined Magnetic Fields — Magnetic field of two or more magnets _____ <ul style="list-style-type: none">• Unlike _____ each other—They _____ to form a stronger _____ between the two poles
5. Label the combined magnetic fields.	

Summary: (Write three facts from today's notes.)

Don't forget to answer the questions in the left column.