

Name \_\_\_\_\_ Date of test \_\_\_\_\_ # \_\_\_\_\_

## Magnet Study Guide

### A. Know these terms

1. attract- to pull toward
2. poles- the places on a magnet where the magnetic force is the strongest
3. compass- instrument that points to magnetic north
4. nonmagnetic- not able to be attracted by a magnet; not able to be magnetized
5. repel- to push away
6. geographic pole- the north or south end of the Earth's axis
7. magnet- object that pulls iron and steel objects to itself
8. magnetic field- space around a magnet where the force of the magnet acts

### B. Know what items are magnetic and nonmagnetic ( 4-5 of each)

### C. Magnets are attracted to steel and iron.

D. Know why compasses point north- The earth is like a giant magnet. The needle inside the compass is a magnet and is attracted to the magnetic north pole in the earth.

E. Know the Law of Magnetic Attraction- like poles repel and opposite poles attract

F. The earth's magnetic poles has a very strong magnetic force. The magnetic force is stronger at the magnetic poles than the geographic poles.