

Name_____ Date_____

Magnets Study Guide



☺ **First, study your vocabulary chart**

Does the size and shape of a magnet determine its strength? _____

Where is a magnet strongest? _____

What is lodestone? _____

What is an electromagnet? _____

What is the difference between a temporary magnet and a permanent magnet?

Label the diagram.

repel

attract

A magnet **is** attracted to: _____

It **is not** attracted to: _____

Are magnets attracted to ALL metals? Explain. _____

When you break a magnet into two pieces, each new piece has a new _____ and _____ pole.

Be able to explain how to make a temporary magnet?

Be able to draw a bar magnet and show its magnetic field.