# The Magnetic Force

Name: Date:

## Part 1: Paper Clip

When I bring the magnet close to the paper clip, I observe:

When the paper clip is cm away from the magnet, it starts to react.

## Part 2: Shoebox

The items I put on top of the shoebox were:

1)

2)

3)

4)

5)

6)

7)

Items that moved were (list all):

This is because they are:

## Part 3: Homemade Compass

When I put the needle and paper on top of the water, I observed:

Once it stopped, I pushed it gently. Then, I observed:

The reason it points north is because the earth has a: