

A First Look at Magnets

Homework 1/16 (BBW p6-9)



1. Look at the magnets pictured above. Do magnets come in the same shape and size?

2. Can you see the force that causes the magnet to push or pull? _____
3. What is the name of the rock that is a natural magnet? _____
4. Using the magnet you received in class, complete 'do it yourself' on p.6. Test different materials, such as nails, paper clips, pins, pencils and coins, to see whether they are magnetic or not. List at least 10 items that are magnetic and 10 that are not magnetic below.

Magnetic items

Non-magnetic items

5. The two poles of a magnet are called the _____ pole and the _____ pole.
6. When the poles of two magnets push apart, they are said to _____ each other.
7. When the poles of two magnets pull together, they are said to _____ each other.
8. Iron is made of many tiny _____ that point in many directions.

(Please check answers when finished)

answers: 1)no, they come in different sizes and shapes 2)no, it is invisible 3)lodestone or magnetite 4)varied answers 5)north,south 6)repel 7)attract 8)magnets

