

MAGNETS

1. Fill in the blanks with the correct word from the drop-down box.

Magnets are pieces of _____, usually _____ or _____,

that are able to _____ certain kinds of other _____.

2. Draw a line to match the word to its definition.

(A) **Magnetism**

The area surrounding a magnet where its force can affect.

(B) **Attraction**

The force drawing objects to a magnet.

(C) **Magnetic Field**

When pieces of metal such as iron or steel are pulled to a magnet.

3. What are the two ends of a magnet called?

- (a) Top and bottom
- (b) North and south poles.
- (c) Front and back ends.

4. Drag the correct word from the box and drop it in the box to correctly complete the sentence.

attract repel

- (i) The different poles of magnets always each other.
- (ii) The same poles of magnets always each other.

5. Type in the correct word to complete the sentence and correctly describe each type of magnet.

I. The _____ magnet is a piece of metal that is made magnetic by another magnet's magnetic field and then loses its magnetism after a while.

II. The _____ magnet is a piece of metal, like iron or nickel, that is chemically or naturally made magnetic and does not lose its magnetism.

III. The _____ magnet is a piece of metal that is inside a metal coil while that coil has an electric current running through it.

6. Is the following statement true or false?

"The Earth has a core made of iron and nickel so it creates its own magnetic field."

TRUE

FALSE