09/ACA/PRI-F-06/ 13 **WORKSHEET-13**

Name: _____ **Class: 4** **Section:** _____

Subject: Science **Topic: Magnetism** **Date:** _____

Remarks: _____

Learning Objective: Explore the forces between magnets and know that magnets can attract or repel each other.

1. Write the correct words in the spaces. Choose your words from this list.

Closed	**magnetism steel**	**magnetic**	**bar**	**keepers**	**wand**

a. A magnet can attract certain objects to it. Examples are pins and nails. A magnet can attract certain materials to it. An example is _____. Materials that are attracted by a magnet are called _____ materials.

b.A fridge door has strip magnets down the side of the door. These magnets help to keep the door _____firmly.

Three types of magnets are horseshoe, _____ and _____ magnets.

c. All magnets lose their _____ if you drop them or bang them together. You must store magnets with _____ on their ends to keep them strong.

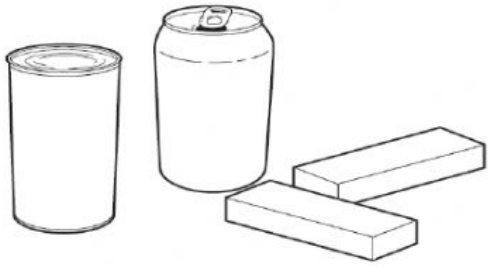
2. Fill in the spaces in these sentences.

a) A magnet has a north pole and a _____pole.

b) Like poles _____one another.

c) Unlike poles _____one another.

3. Rita is testing cans and magnets.

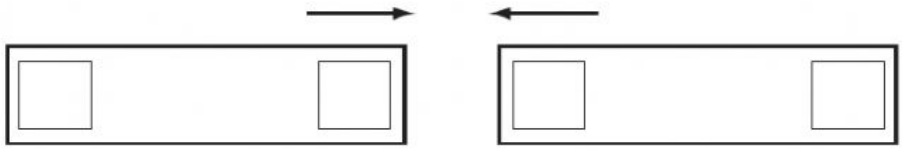


Fill in the table to show her results

N = North S = South

	Repel	Attract	No force
Steel can and S magnet			
Steel can and N magnet			
S magnet and N magnet			
S magnet and S magnet			
Aluminium can and S magnet			
Aluminium can and N magnet			

1. Magnets have two poles, N and S. These two magnets attract each other.



a) Write the correct poles on the diagram.
b) Sometimes magnets repel each other? What does the word 'repel' mean?