

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
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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.

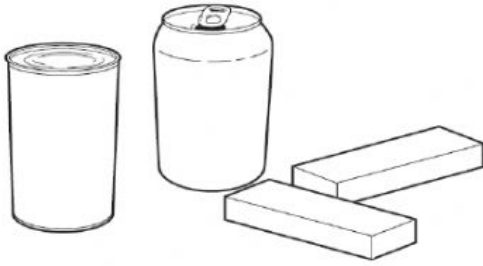
2. Fill in the spaces in these sentences.

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.



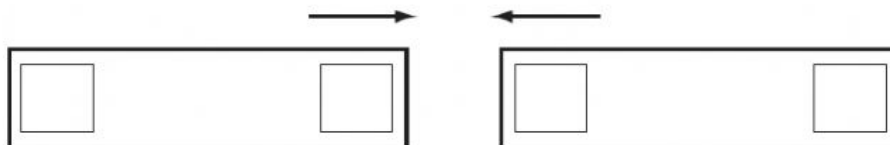
Fill in the table to show her results

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?
