

Scientist: _____

Date: _____

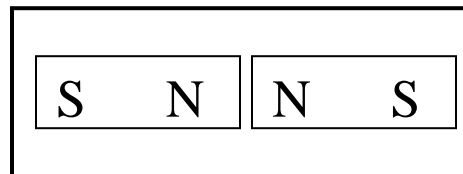
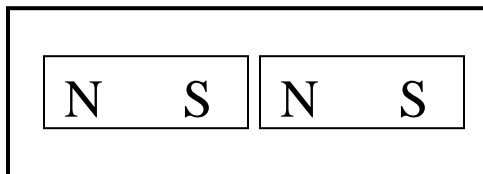
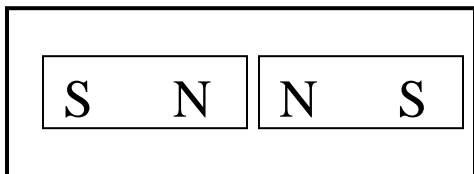
Teacher: _____

“Magnets”

The Barre Town Toy Company would like to make a new game using magnets. They need your help finding the best materials for this game. Since you are now an expert with magnets, please share what you know.

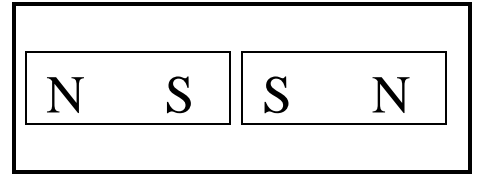
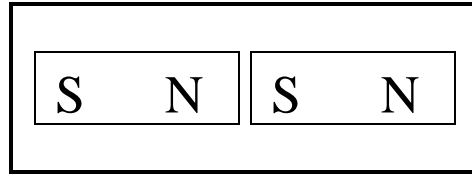
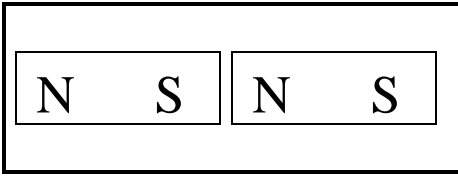
1. Draw a magnet. Label the two poles (N and S).

2. Circle the picture that shows the only time that magnets **attract** each other.



Which poles **attract** each other?




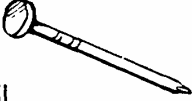






3. Circle the picture that shows when magnets **repel** each other.



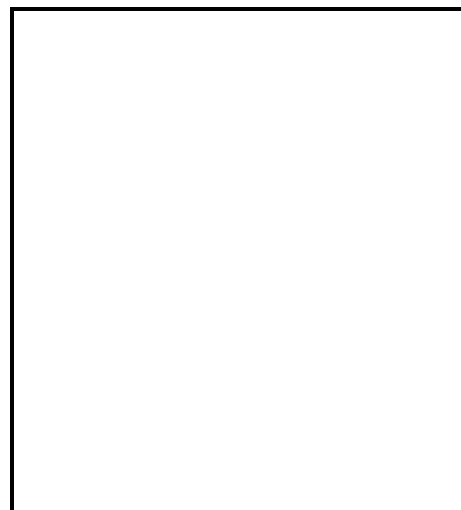
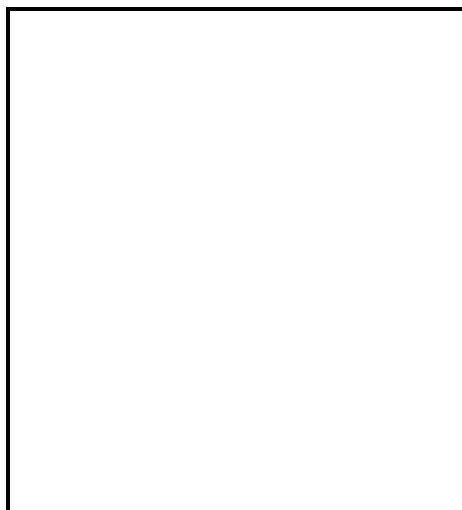
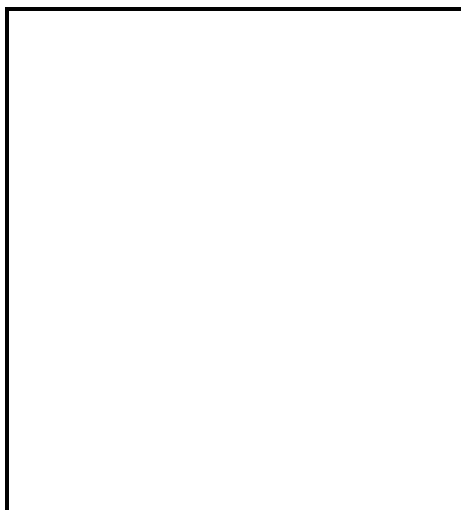
Which poles **repel** each other?

4. Look at the chart on the next page. Which objects on the chart will a magnet attract? Make your predictions on the chart.

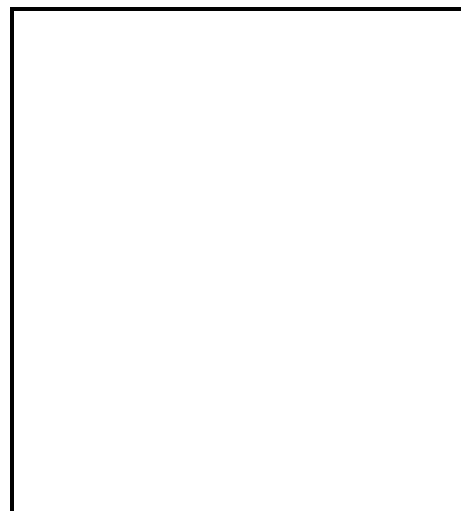
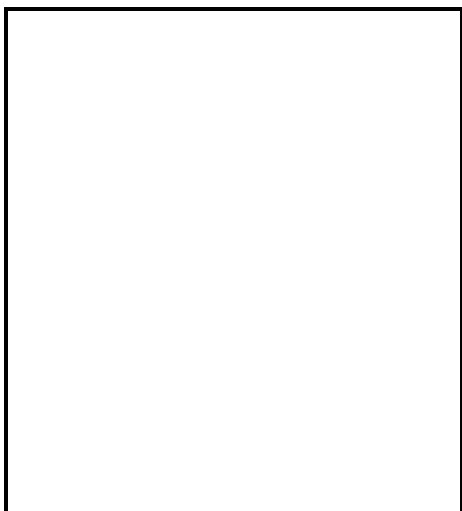
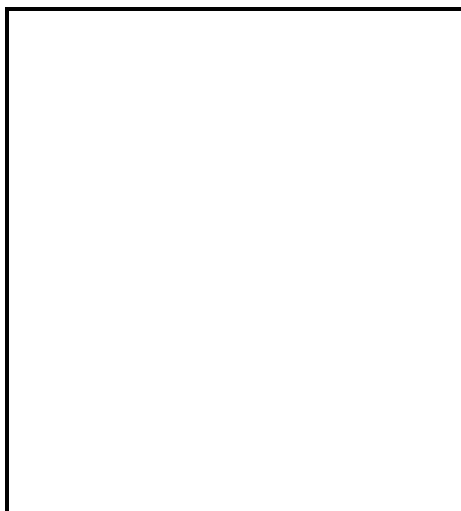
5. After you make your predictions, work like a scientist and test the materials with a magnet. Record your results on the chart.

Object	Prediction	Experiment
	Yes/No	Yes/No
 rubber band		
 paper clip		
 marble		
 nail		
 chalk		
 twist tie		
 fasteners		
 coin		
 eraser		
 scissors		

6. Look at your chart. Draw and label 3 things from your chart that are attracted to a magnet.



7. Look at your chart. Draw and label 3 things from your chart that are **not** attracted to a magnet.



8. Based on your work with magnets, tell the toy company how the objects that magnets attract are alike?
