GOT POLES? FINDING THE UNKNOWN POLE

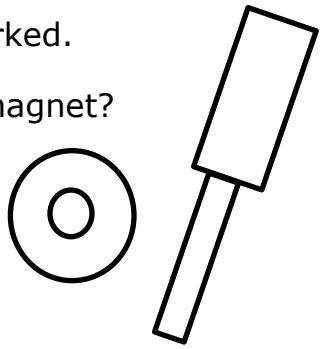
Name _____ Date _____ #_____

PURPOSE: The purpose is to find the north pole in a magnet that is unmarked.

QUESTION: How can I find which pole is the north pole on an unmarked magnet?

MATERIALS:

- donut magnets (unlabeled poles)
- stick magnets (or any type of magnet that has unlabeled poles)
- bar magnet with labeled poles



1. With your group, brainstorm some ways that you could determine the unmarked pole of a magnet. What do you already know about magnets that can help with this? Write your ideas here.

2. Test your method. When you think you have the north pole identified have your teacher check to see if you have been successful.

3. Draw pictures of the steps you took to find the north pole of the magnet. Write a caption below each box.

_____	_____	_____

4. Will this work with other types of magnets? Prove it!

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