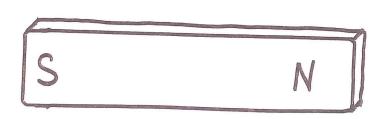
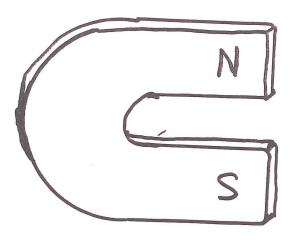
Name:	101	
Due:		

MAGNETISM STUDY SHEET

Each of the following questions represents a concept discussed in class. Further information can be found in Chapters 19-20 of the text.	
1. State the rule for magnetic attraction and repulsion. Opposites Attract, Likes repel	
2. List the 3 categories of magnetism found in various materials:	
See note sheet. 3. List the 4 elements that can be made into permanent magnets:	
4. How can you make a temporary magnet? How does it differ from a permanent magnet? The tring a magnet next to it and it lines up the	
onains. It does not Stay magnetic 5. Can a magnet ever have just pole? Explain what happens to a magnet cut in two.	
6. Each electron in a piece of iron is like a tiny magnet (domain theory), but the iron as a whole	
is not a magnet. Explain how this is possible. Cancel Each the Courie Point? Why will heating or dropping a magnet weaken it?	
point at which a magnet or conductor 10505	
8. Explain how a motor or generator works in terms of electric and magnetic field interaction. 10000	7
9. What is Lenz's Law? How does it demonstrate conservation of energy?	
enduced emf gives rise to a current whose field opposes original Mag. flux	

10. On the back of this sheet, draw the magnetic field (flux) lines for the 4 configurations shown. Be sure to draw the field lines drawing arrows showing direction of the field.





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