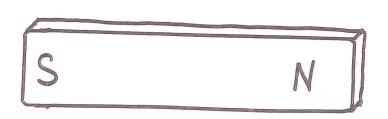
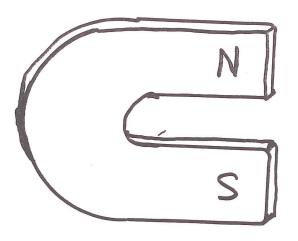
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Name:	10.	
Due:		

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 cepel	
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:	
See note sheet	
4. How can you make a temporary magnet? How does it differ from a permanent magnet?	
Alled and also Doesn't have its charge	
La C Seel Mesoet	
Thach Colonic to the	
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.	
The domains cancel each other out	
7. What is the Curie Point? Why will heating or dropping a magnet weaken it?	•
Temp at which magnet less its properties	
7. What is the Curie Point? Why will heating or dropping a magnet weaken it? Temp. at which magnet loses its properties.	
8. Explain how a motor or generator works in terms of electric and magnetic field interaction. WOLK to turn the magnetic field a magnetic field a magnetic field a magnetic field a magnetic field and the magnetic field a magnetic field and the magnetic field a magnetic field interaction. 9. What is Lenz's Law? How does it demonstrate conservation of energy?	
TWI 1999 IS Clectic ton WOLK to turn the magnet	_
4 generate 1-60 generate à magnète tiens	
magnetic tiell push of through a straight of straight	
9. What is Lenz's Law? How does it demonstrate Conservation of energy? Induced enf always gives fist to a current whose	
A. Misica Sellie among 9.	
nagnetic field opposes orig. force.	
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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