Period:

HW-5and10:R-Review Mr. Murray, IPC www.aisd.net/smurray

Assigned: Wend., 3/10/04 Due: Fri., 3/12/04

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1. Magnetic	A. Using this I could reduce friction to save en-		3
Induction	ergy.	↓	Ν
2. Generator	B. I would use this to move something with elec- tricity. (I put electricity in.)		
3. Motor	C. I would do work on this to make electricity.		
4. Maglev	D. How moving magnets make electricity.		
		TO 1	

What 2 kinds of energy does a light bulb give off?

What kind of energy does a light bulb use?

What kind of energy does a light bulb use?



Work on back



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 Magnetic Induction Generator Motor Maglev What 2 kinds 	 A. Using this I could reduce friction to save energy. B. I would use this to move something with electricity. (I put electricity in.) C. I would do work on this to make electricity. D. How moving magnets make electricity. 	S N N If the two magnets are <i>attracting</i> each other, label N and S on the second magnet.	Using the right-hand rule, which direction is the north pole of this electromagnet: Out from the page or into the page?	
What kind of	energy does a light hulb use?			

Work on back

Don't forget the front side	NOTE: These are the BASIC equations you must know for the test.		HW 5 + 10:R
A 10 N ball is moved 3 meters. Find work.	A 3 kg ball is 2 m up. Find potential energy	A 3 kg ball is going 2 m/s up. Find kinetic energy	
Variables:	vanabies.	Variables:	
Equation: Work:	Equation:	Equation:	
If done in 2 seconds find power:	Energy	Energy	
	If it falls how much Ek will it have?		
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Equation:	Equation:	Equation:	
If done in 2 seconds find power:	Energy	Energy	

If it falls how much Ek will it have?