Name: _____

Period:_____

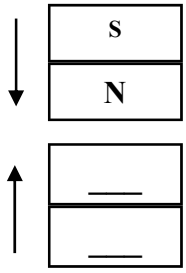
HW—5and10:R— Review
Mr. Murray, IPC
www.aisd.net/smurray

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

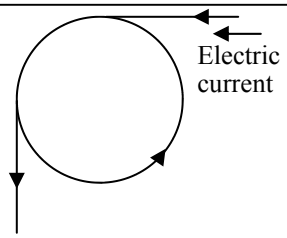
1. Magnetic Induction	A. Using this I could reduce friction to save energy.
2. Generator	B. I would use this to move something with electricity. (I put electricity in.)
3. Motor	C. I would do work on this to make electricity.
4. Maglev	D. How moving magnets make electricity.

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

What kind of energy does a light bulb use?



If the two magnets are ***attracting*** 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?

Work on back

Name: _____

Period:_____

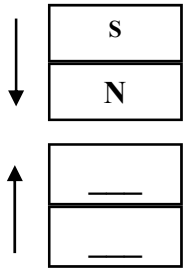
HW—5and10:R— Review
Mr. Murray, IPC
www.aisd.net/smurray

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

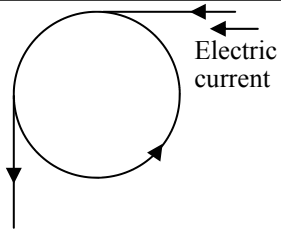
1. Magnetic Induction	A. Using this I could reduce friction to save energy.
2. Generator	B. I would use this to move something with electricity. (I put electricity in.)
3. Motor	C. I would do work on this to make electricity.
4. Maglev	D. How moving magnets make electricity.

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

What kind of energy does a light bulb use?



If the two magnets are ***attracting*** 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?

Work on back

Name: _____

Period:_____

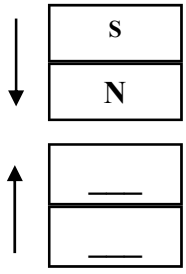
HW—5and10:R— Review
Mr. Murray, IPC
www.aisd.net/smurray

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

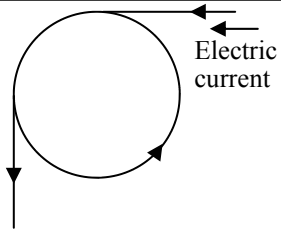
1. Magnetic Induction	A. Using this I could reduce friction to save energy.
2. Generator	B. I would use this to move something with electricity. (I put electricity in.)
3. Motor	C. I would do work on this to make electricity.
4. Maglev	D. How moving magnets make electricity.

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

What kind of energy does a light bulb use?



If the two magnets are ***attracting*** 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?

Work on back

HW 5 + 10:R

Don't forget the front side

NOTE: These are the BASIC equations you must know for the test.

A 10 N ball is moved 3 meters. Find work.

Variables:

Equation:

Work:

If done in 2 seconds find power:

A 3 kg ball is 2 m up. Find potential energy

Variables:

Equation:

Energy

If it falls how much Ek will it have?

A 3 kg ball is going 2 m/s up. Find kinetic energy

Variables:

Equation:

Energy

HW 5 + 10:R

Don't forget the front side

NOTE: These are the BASIC equations you must know for the test.

A 10 N ball is moved 3 meters. Find work.

Variables:

Equation:

Work:

If done in 2 seconds find power:

A 3 kg ball is 2 m up. Find potential energy

Variables:

Equation:

Energy

If it falls how much Ek will it have?

A 3 kg ball is going 2 m/s up. Find kinetic energy

Variables:

Equation:

Energy

HW 5 + 10:R

Don't forget the front side

NOTE: These are the BASIC equations you must know for the test.

A 10 N ball is moved 3 meters. Find work.

Variables:

Equation:

Work:

If done in 2 seconds find power:

A 3 kg ball is 2 m up. Find potential energy

Variables:

Equation:

Energy

If it falls how much Ek will it have?

A 3 kg ball is going 2 m/s up. Find kinetic energy

Variables:

Equation:

Energy