Name: _____

Period:_____

HW—5:4 — After Benchmark
Mr. Murray, IPC
www.aisd.net/smurray

Assigned: Thurs., 3/4/04
Due: Mon., 3/8/04

What kind of Energy?
Thermal; Nuclear; Radiant; Mechanical; Chemical; Electrical

__ Energy in food.
__ Energy in a moving car.
__ Splitting the atom
___ Helps you see at night.
___ What a radio runs on.
___ cooks your food.

Energy of motion we call:

Energy of position we call:

You move a 12 N object 4 meters. How much work did you do? Then find the power if you do it in 2 sec.

Variable:

Equation:

Work:

Equation:

Power

Work on back

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Work on back

HW 5:4

Don't forget the front side

Find the potential energy of a 3 kg object up 5 meters. How much kinetic energy will it have a the bottom?	You throw a ball into the air going 20 m/s. How high did it go?
Variables: Equation: Potential Energy Kinetic Energy	

HW 5:4

Don't forget the front side

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HW 5:4

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