Name: _____

Period:_____

HW—5:3 — Conservation of Energy
Mr. Murray, IPC
www.aisd.net/smurray

Assigned: Tues., 3/2/04
Due: Thurs., 3/4/04

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

__ Energy in wood

__ Energy in a thrown ball.

__ Radioactivity

___ Light

___ What comes out of a battery

___ Heat (from your body)

What kind of energy does a stove use?

What kind of energy does a stove make?

Kinetic or Potential Energy?

A rock on a ledge?

Just before it reaches the ground, what kind of energy does it have?

What does the law of conservation of energy say about the energy at the top and the energy at the bottom?

Work on back

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HW 5:3

Don't forget the front side

A ball is thrown 2 m/s into the air. How far up will it go?

You pull 10 N and 10 m on a pulley. You lift a 50 N object 1 m. How efficient was the pulley?
Work in: Work out: Efficiency:

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