

Name: \_\_\_\_\_

Period: \_\_\_\_\_

**HW—4:AT — After Test**  
**Mr. Murray, IPC**  
[www.aisd.net/smurray](http://www.aisd.net/smurray)

**Assigned: Mon., 2/23/04**  
**Due: Wedn., 2/25/04**

1. A force multiplied by a distance we call:
2. The units for work are:
3. If you work faster you use more p\_\_\_\_\_.
4. Give the equation for power:
5. The units for energy are:
6. The units for energy are the same as the units for:
7. Energy of position we call:
8. Which has more kinetic energy a fast ball or a slow ball?
9. “Energy can never be created nor destroyed, only transformed.” This is what law?
10. Give four kinds of energy from this chapter:

### Work on back

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**Don't forget the front side**

HW 4:AT

Period: \_\_\_\_\_

An object is moved 25 meters by a 3 N force. Calculate work:

25m =

3 N =

Equation for work:

Solution:

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