

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

Date: \_\_\_\_\_

## Astron 211 OOM #2 Solar Power

**OOM Policy:** You can work in pairs or groups of 3 if desired. You can consult class notes and books — no phones or computers. Make sure you are clear about the process you use to solve the problems: partial credit will be awarded. Always include units.

1. How much energy does a typical person use in a day (electricity only)?
  
2. How much area would Wisconsin need to cover in solar panels to provide that energy?