

Efficiency Worksheet (Nelson 2011 text)

1. Table 1 page 236 – record types, description & example.
2. Efficiency – page. 242 → Define in words AND in formula.
Please put the formula on your formula sheet.
3. Improving Efficiency – page 244
 - a) Explain how CFL's are better than incandescent bulbs.
 - b) What is the problem with fluorescent lights (of any kind).
4. Comparisons – Table 1 page 244
 - a) Examine the data. What is the major source of 'waste' energy?
 - b) What is the least efficient device? Most efficient? List the % for each.
 - c) Choose 3 devices of your choice. Record the energy transformations and 'considerations' to keep in mind when using.
5. Non-renewable & Renewable – page 245 – 248
Define 'non-renewable' and 'renewable' . Create a t-chart with headings 'non-renewable' and 'renewable' . List each energy source discussed under the appropriate heading.