



## Appliance Homework

1. Select an appliance or electrical device (*AC power* → must “plug into the wall”) that you or your family use each day.
2. Look on the appliance or device and record the **power rating in watts**. If the wattage is not shown, use voltage and current information to calculate the power rating in watts.
3. Use the information to calculate the amount of energy used each day in kilowatt-hours (kWh).
4. Assume electrical energy costs \$ 0.095 per kWh. Calculate the cost to use your appliance for each day and each month.

Put your information in the table and **SHOW ALL CALCULATION** below:

<i>Appliance or device</i>	
<i>Power rating (watts)</i>	
<i>Power rating (kilowatts)</i>	
<i>Average number of hours used each day</i>	
<i>Total energy used each day (kWh)</i>	
<i>Cost to use each day</i>	
<i>Cost to use each month (30 days)</i>	