**Residential Home Expense Worksheet: Utilities and Maintenance**

1. Given the information from the “Electricity” slide, what would your month’s electricity bill (30 days) be for a home that; constantly runs AC, does 30 heavy loads of laundry, has one refrigerator, watches TV for 2 hours a day, and has 4-night lights that are always on.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Appliance | Hours a day | Total Days or Uses | Estimated Energy Cost | Month cost |
| Central AC | 24 | 30 | $.33/hour |  |
| Washing Machine |  | 30 | $.69/load |  |
| Drying Machine |  | 30 | $0.44/load |  |
| Refrigerator |  |  | $6.60/month |  |
| 50” LCD TV | 2 | 30 | $0.01/hour |  |
| Night lights |  |  | $.16/month |  |
|  | | | **Total Cost:** |  |

1. From the “Water” slide, how much is the average American spending on leaks per month? Water costs $0.00295 per gallon.
2. If your Garbage bill is $16 dollars per month, how many cans would you have to collect and recycle to make up for the garbage expense? It takes 31 cans to make a pound, and each pound is worth 55 cents.
3. There are roughly 80 million acres of lawns in the United States, how much would it cost to pay someone to mow them? (Average price per acre is $50)
4. How much does the average American spend on Utilities each year? (Electricity: $110 per month, Gas: $83/month, Water: $50/month, Garbage: $16/month).