

Name _____ Date _____

Let's Pay Some Bills

Instructions

As you move through the different rooms in the house, choose choice A or B from your card and write down your choice in the second column. When you are finished, you will find out how many kWh you have used based on your choice.



Appliance/Usage	Choice A or B	kWh Used
Kitchen: Refrigerator		
Kitchen: Dishwasher		
Bathroom: Lights/Lightbulbs		
Bathroom: Shower		
Living Room: Thermostat		
Living Room: Computer/Game/TV		
Laundry Room: Washer		
Laundry Room: Dryer		

Total kWh used for the month: _____



Customer Name _____

Account Number
765432

Please pay by _____ Month, Day, Year
Total due _____

Current Electric Service – Residential

Service Period	Next Scheduled Read Date	Meter Number
Month 1 – Month 2	Month 3	C3P0

Reading Type	Current Reading	Previous Reading	Usage
Total kWh	_____	0	_____ kWh

Current Service (Usage x \$ 0.11)	\$ _____
Sales Tax (6%) (Current Service x \$ 0.06)	\$ _____
Environmental Compliance Cost	\$ 5.00
Other Fees	\$ 4.00

Total current electric service: _____

1. Which group member had the lowest energy bill at the end of the month? Which group member had the highest energy bill at the end of the month?

2a. Assume the number each character calculated on the Activity 1. How much would each person spend on power per year? (Multiply monthly amount by 12).

2b. How much more will Gus spend compared to Penny over the course of an entire year?

3. If Gus made the same decisions as Penny, what is one thing he could spend his extra money on instead of spending it on a higher power bill? How is this related to the concept of opportunity cost?

4. Which group of individuals usually has the biggest impact on energy use in a home – teenagers or adults? Why do you think this is the case?

5. What were a few strategies used by Penny that resulted in her having a lower energy bill compared to Gus and Linda? Were these strategies an example of conservation, energy efficiency, or both?

6. Are you personally more like Gus, Linda, or Penny when it comes to energy use in your household?