

## Comparing Appliances Student Sheet

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

### Directions

Your parents need to buy a new water heater. You need to help them choose the better one. Water heaters usually last a long time – 10 to 20 years – so you can save a lot of money on an energy-efficient one. Use the chart below to calculate which water heater to buy.

### Water Heater 1 Purchase Price: \$600

MODEL 1	EXPENSE	COST TO DATE
Purchase price		
Year one		
Year two		
Year three		
Year four		
Year five		
Year six		
Year seven		
	<b>TOTAL</b>	

### Water Heater 2 Purchase Price: \$300

MODEL 1	EXPENSE	COST TO DATE
Purchase price		
Year one		
Year two		
Year three		
Year four		
Year five		
Year six		
Year seven		
	<b>TOTAL</b>	

Based on standard U.S. Government tests

# ENERGYGUIDE

Water Heater - 60 gallon  
Natural Gas

Model 1

**Compare the Energy Use of this Water Heater  
with Others Before You Buy.**

This Model Uses 185 therms/year	
<b>Energy use (therms/year) range of all similar models</b>	
Uses Least Energy 180	Uses Most Energy 295

Therms/year is a measure of energy use. Your utility company uses it to compute your bill. Only models with first hour ratings of 56 to 64 gallons are used in this scale.

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**Water heaters using more energy cost more to operate.  
This model's estimated yearly operating cost is:**

**\$248**

Based on a 2005 U.S. Government national average cost of \$1.34 per therm for natural gas. Your actual operating cost will vary depending on your local utility rates and your use of the product.

Important: Removal of this label before consumer purchase violates the Federal Trade Commission's Appliance Labeling Rule (16 C.F.R. Part 305)

Based on standard U.S. Government tests

# ENERGYGUIDE

Water Heater - 60 gallon  
Natural Gas

Model 2

**Compare the Energy Use of this Water Heater  
with Others Before You Buy.**

This Model Uses 275 therms/year	
<b>Energy use (therms/year) range of all similar models</b>	
Uses Least Energy 180	Uses Most Energy 295

Therms/year is a measure of energy use. Your utility company uses it to compute your bill. Only models with first hour ratings of 56 to 64 gallons are used in this scale.

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**Water heaters using more energy cost more to operate.  
This model's estimated yearly operating cost is:**

**\$369**

Based on a 2005 U.S. Government national average cost of \$1.34 per therm for natural gas. Your actual operating cost will vary depending on your local utility rates and your use of the product.

Important: Removal of this label before consumer purchase violates the Federal Trade Commission's Appliance Labeling Rule (16 C.F.R. Part 305)

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