

Review Sheet – Appliances

- Appliance energy consumption
- Use Energy guide labels
 - Should be able to calculate/perform
 - Annual energy savings when comparing two models
 - Payback period when comparing two models
 - Life cycle analysis when comparing two models
- Water heaters
 - Should be able to calculate energy required for heating water
 - Gas vs. electric
 - Types of water heaters (advantages and disadvantages)
 - Storage or tank
 - Type on demand
 - Heat pump
 - Tankless coil
 - Indirect
 - Solar
 - Energy Efficiency of water heater
 - Energy factor (EF)
 - Environmental protection
- Refrigerators
 - How Does a Refrigerator Work? Function of
 - Expansion valve
 - Evaporator
 - Compressor
 - Condenser
 - Types of refrigerators
 - Top Mounted
 - Bottom Mounted
 - Side-by-side

- Energy Efficiency
 - Environmental Protection
- Clothes Washer
 - Types
 - Horizontal Axis (front loading)
 - Vertical Axis (top loading)
 - Efficiency
 - Energy Factor (EF)
 - Water Factor (WF)
 - Modified Energy Factor (MEF)
 - Environmental Protection
- Clothes Dryer
 - Energy Efficiency
 - Environmental Protection
- Dish Washer
 - How a Dishwasher Works
 - Environmental Protection