

TURN IT OFF CHALLENGE

HOUSEHOLD APPLIANCE ENERGY QUIZ

Part A: Below is a list of common household appliances. Rank the appliances from 1 (highest) to 15 (lowest) according to the amount of energy they use (in a typical home). If you think the refrigerator uses the most energy, rank it #1.

Part B: Figure out how each household appliance in Part A uses energy and fill in the blanks.

PART A		PART B	
	Ranking	What Appliance Am I?	How Do I Use Energy?
Television	_____	_____	A. I use energy to spin and keep you cool.
Stereo	_____	_____	B. I consume energy when I heat food.
Refrigerator	_____	_____	C. I use energy to produce pictures on a screen.
Clothes Dryer	_____	_____	D. I use energy to heat and spin.
Water Heater	_____	_____	E. I use energy in your home office.
Stove	_____	_____	F. I use a large amount of energy derived from electricity or gas to cook food.
Ceiling Fan	_____	_____	G. I use energy to receive radio waves in your home.
Toaster	_____	_____	H. I use a lot of energy because I am always cooling and freezing.
Iron	_____	_____	I. I use a large amount of energy so that you can take warm showers and have hot water.
Microwave	_____	_____	J. I use energy to heat coils that cook your food.
Dishwasher	_____	_____	K. I use energy to keep food frozen.
Freezer	_____	_____	L. I use energy to clean dishes.
Hair Dryer	_____	_____	M. I use energy to produce heat and steam.
Computer/Printer	_____	_____	N. I use energy to store energy.
Battery Chargers	_____	_____	O. I use energy to heat and dry quickly.

Answers:
 Part A – water heater, refrigerator, clothes dryer, freezer, stove, dishwasher, computer & printer, ceiling fan, television, iron, battery chargers, hair dryer, oven, microwave, stereo, ceiling fan, toaster
 Part B – ceiling fan, microwave, television, dryer, computer & printer, stove, stereo, refrigerator, water heater, toaster, freezer, dishwasher, iron, battery chargers, hair dryer, iron

