PLUG LOAD EXERCISE

Calculate the annual energy consumption operating cost for each type of plug load (Watts X Hrs/Yr)/1000 = kWh Per Year. Assume \$.10/kWh electric cost

SPACE HEATER	LAPTOP COMPUTER
Volts	Volts
Amps	Amps
Power Factor	Power Factor
Watts	Watts
Hrs/Yr Operation: 400	Hrs/Yr Operation: 2000
Kwh/Yr	Kwh/Yr
Operating Cost/YR	Operating Cost/Yr
Energy Savings Ideas?	Energy Savings Ideas?
BLOW DRYER	MOTOR
Volts	MOTOR Volts
Volts	Volts
Volts	Volts
Volts Amps Power Factor	Volts Amps Power Factor
Volts Amps Power Factor Watts	Volts Amps Power Factor Watts
Volts Amps Power Factor Watts Hrs/Yr Operation: 200	Volts Amps Power Factor Watts Hrs/Yr Operation: 4000