

Name \_\_\_\_\_ Date \_\_\_\_\_

Number  
Unit 3 Line Master 1a

## Electricity Usage

Appliance	On-Time per day	On-Time per day (decimal)	On-Time per day (fraction)	On-Time per day (%)
Bathroom lighting	2 h 57 min		$\frac{12}{100}$	
Cooking stove, ventilation	2 h 12 min	0.09		
Dishwasher	1 h 7 min			5%
Floor heating	4 h 5 min			17%
Iron, vacuum cleaner	2 h 2 min		$\frac{8}{100}$	
Lighting	7 h 58 min	0.33		
Refrigerator	15 h 36 min		$\frac{65}{100}$	
TV, modem, PC, video	12 h 42 min			53%
Washing machine	32 min	0.02		
Water heater	5 h 46 min		$\frac{24}{100}$	

Source: [https://www.researchgate.net/figure/Operation-times-and-energy-consumption-of-home-appliances\\_tbl1\\_268406195](https://www.researchgate.net/figure/Operation-times-and-energy-consumption-of-home-appliances_tbl1_268406195)

Name \_\_\_\_\_ Date \_\_\_\_\_

Number  
Unit 3 Line Master 1b

# Electricity Usage Grids

