




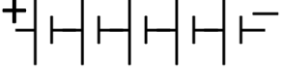
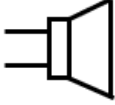

**Chapter 1-2 - Questions**

Q1 Complete the following table using Ohm's law and power formula.

	<b>Power (W)</b>	<b>Voltage (V)</b>	<b>Current (I)</b>	<b>Resistance (R)</b>
1	15 W		1.1A	
2		105 V		66 Ω
3	15 W	12 V		
4		5 V	0.01 A	
5		24 V		125 Ω
6		1000 V		1 MΩ
7	7W		5 mA	
8		15 V	0.7 A	
9	2 W	0.3 V		
10			2.3 A	1 KΩ
11	1.5 W	2 V		
12		5 V	0.04 A	
13	6 W			100 Ω
14	1000 W			1 MΩ
15	2 W			10 Ω
16		6 V	0.01A	
17	15 W			15 Ω
18	10 W	12 V		
19	13 W			6 Ω
20	1000 W			60 Ω

$$P = I^2R \quad P = IE \quad P = E^2/R$$

Q2 Name or draw the following symbols.

Symbol	Name
	
	Lamp
	
	Earth
	Antenna
	
	

Q3 How do you tell the size of the resistor?

Q4 What is a resistor that is variable called?