

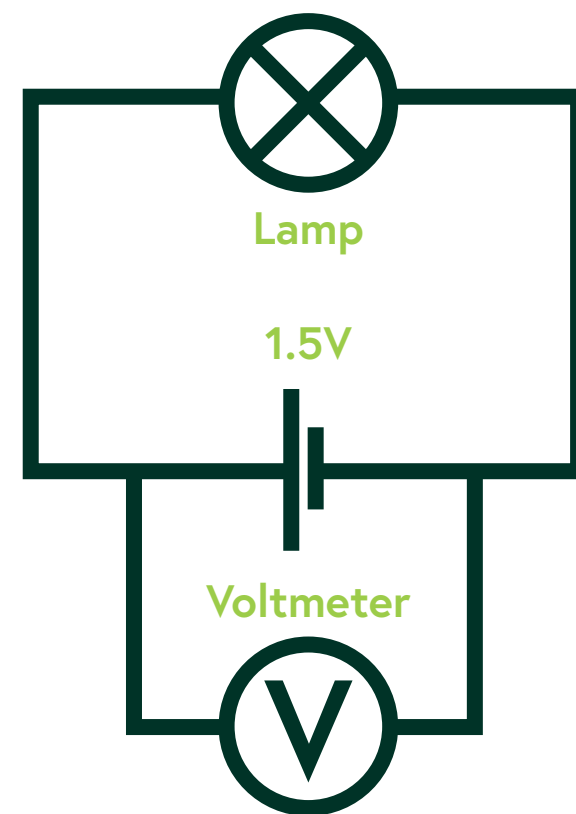
Voltage

Voltage, also known as **potential difference**, is the difference in **electrical energy** between two points of a circuit. It is measured in **volts (V)**. The **bigger the difference**, the **bigger the voltage**.

Measuring voltage

Voltage is measured using a **voltmeter**.

The voltmeter must be connected to the circuit in **parallel**.

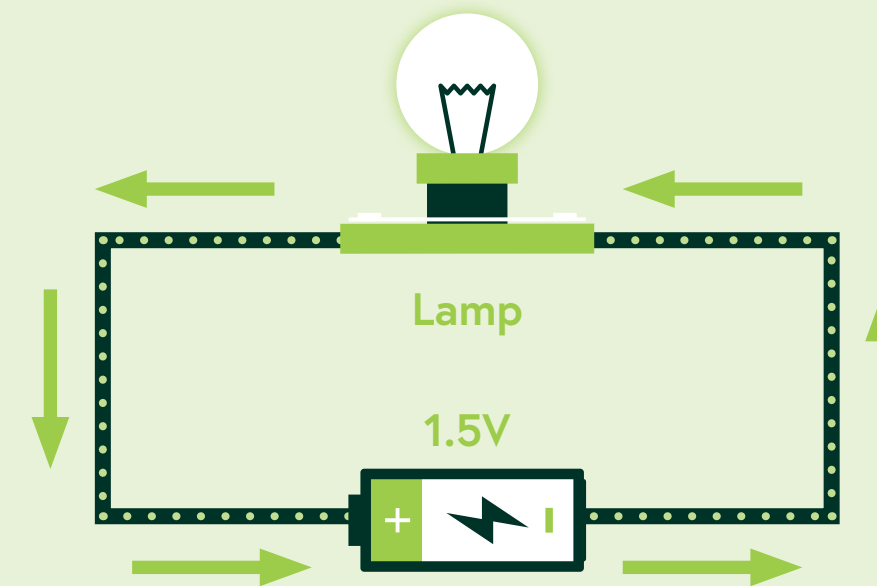


The reading on the voltmeter is **1.5V**

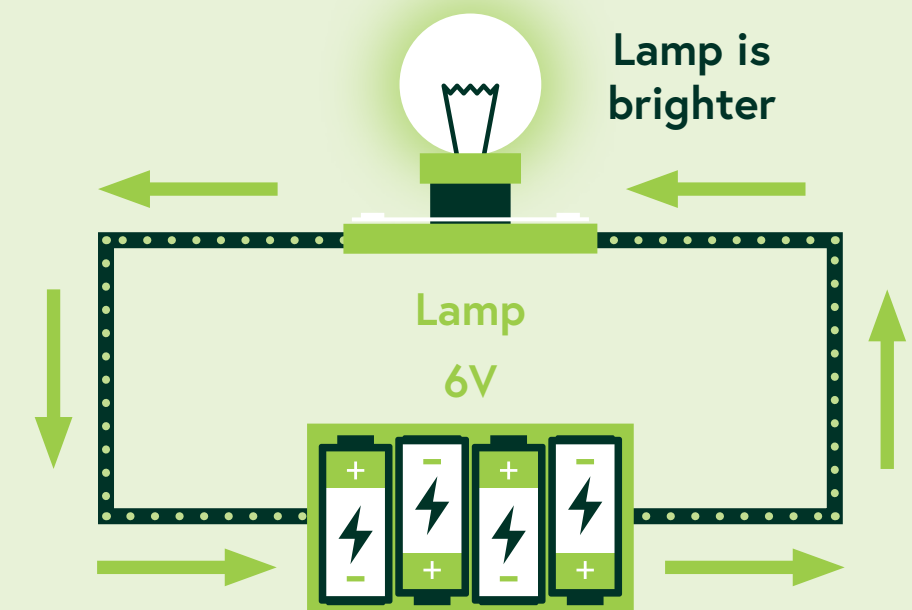


What would happen if we replaced the lamp with a buzzer?

What happens as the voltage increases?



Lamp circuit with single cell
(1.5V) supply voltage



Lamp circuit with four cell
(6V) supply voltage

As we increase the number of cells the supply voltage increases. This means the lamp gets brighter.