## **Power Notes**

def: rate at which electric energy is transferred by an electric circuit.

Formula 2: P=VI

Triangle:



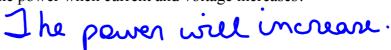
Units: W (watt) or kW (kilowatt)

Unless specified use W. 🔀

Conversion W to kW ÷ 1 000

## **Power worksheet**

1. What happens to the power when current and voltage increases?



2. What is the power used when a dishwasher used 220 V and 1.5 A?

3. What is the power used in kW when a dishwasher used 220 V and 1.5 A?

4. What is the current intensity for a lamp that uses 200 W of power and 220 V?

5. What is the potential difference when a microwave runs on 2.2 A and uses 400 W of power?