



## Activity 8



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Ahmed and Mariam are calculating the **Electrical energy** of their **fans**.

Ahmed uses the fan in his bedroom for **4 hours a day**.

It uses a **C battery**.

Help Ahmed to calculate the **Power** and **Electrical energy**.

C		V 1.5	C 8
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$$\text{Power} = \text{Voltage} \times \text{Current}$$

$$\text{Power} = 1.5 \times 8$$

$$\text{Power} = \boxed{\phantom{00}}$$

$$\text{Electrical energy} = \text{Power} \times \text{Time}$$

$$\text{Electrical energy} = 12 \times 4$$

$$\text{Electrical energy} = \boxed{\phantom{00}}$$