# How has our understanding and use of electricity developed?

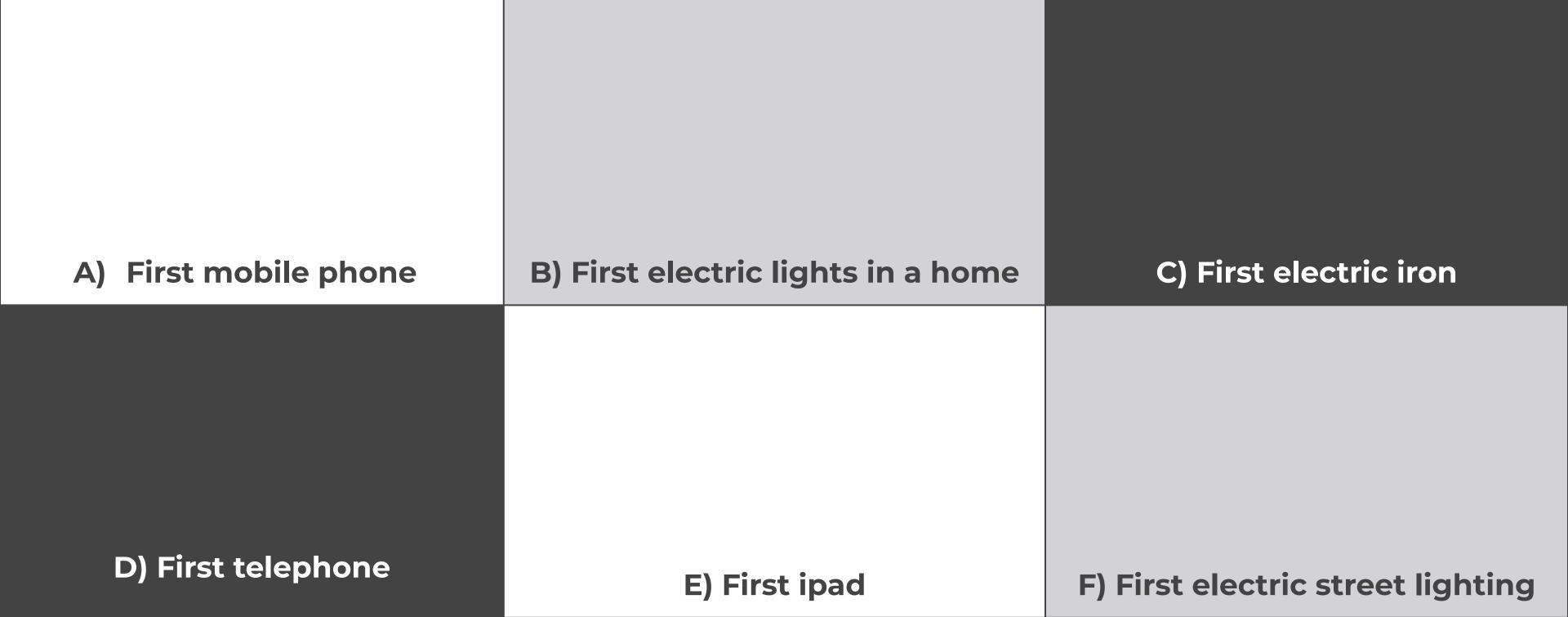
Science

Miss Simkin



#### What came first?

#### Put these events in the correct order:





### **Electricity timeline**

Draw a timeline:



#### **Electricity timeline**

#### Add these electrical inventions to your timeline:

- First telephone 1876
- First electric street lighting 1877
- First electric lights in a home 1880
- First electric iron 1901
- First mobile phone 1973
- First ipad 2010



#### Make notes under these headings:

- Michael Faraday
- Lewis Howard Latimer
- Mildred Dresselhaus



## Use these questions to help you make your notes:

- What was Michael Faraday's background?
- What did Michael Faraday discover?
- What did his discoveries lead to?



## Use these questions to help you make your notes:

- What was Lewis Howard Latimer's background?
- What was he skilled at?
- Which other scientists did he work with?
- What did his discoveries lead to?



## Use these questions to help you make your notes:

- What was Mildred Dresselhaus' background?
- What did she discover?
- What did her discoveries lead to?



#### Making a fact file

Use this template and your notes to make a fact file about one of the scientists:

| Name of scientist         |
|---------------------------|
| Background:               |
|                           |
|                           |
| <u>Major discoveries:</u> |
|                           |
|                           |
| Implications of work:     |
|                           |
|                           |

