



## Marks

Usually 1-3 marks  
Sometimes up to 4 marks  
for applying knowledge  
with calculations



# Use



## Useful sentence starters



- "From the data, we can see that..."
- "Using the graph, we can calculate..."
- "The data shows that..."
- "Based on the information, we can conclude that..."



## What you need to do

- Use the provided data, table, graph, or diagram in your answer
- Apply your physics knowledge to interpret, calculate, or explain based on this information
- Provide a direct answer from the context (e.g., a calculation, conclusion, or interpretation)
- Always refer specifically to the data and context provided in the question

## Use questions typically include:

- A table of data, graph, diagram, or text
- Specific data or context to apply
- A scenario where you must interpret or calculate using the provided information

## Important

- You must base your answer entirely on the information given in the question.
- Do not add extra knowledge unless specifically asked.

## Tips for full marks

- Always reference the data you're given in the question
- Show your working if a calculation is required
- Focus your answer on the question and use only the information provided
- Be precise with your values (e.g., "14.2" rather than just "higher")
- Stick to the context provided unless you are asked to 'use your own knowledge'.

## Common Chemistry Focuses:

- **Calculations from data or graphs** (e.g., rates of reaction, energy changes, molar calculations)
- **Interpretation of graphs or tables** (e.g., reaction rates, concentration)
- **Product or environmental contexts** (e.g., assessing the impact of chemical processes, interpreting data about pollution)
- **Practical experiments** (e.g., applying methods, improving reliability or safety)

## You do NOT need to

- Use your general knowledge unless the question asks for it
- Provide long explanations or background information that's irrelevant
- Guess or assume additional data beyond what's provided

## Common mistakes

- Not using the data or diagram provided in the question
- Writing irrelevant details not supported by the question's data
- Failing to apply the correct formula or interpretation to the data

