

Science words in use: compare, evidence and conclusion

Learning goal: I can use science words to describe results and support a careful conclusion.

Practice data

This invented example is for language practice, not a real experiment.

Group	Factor compared: hours of light each day	Measured outcome: growth after two weeks	Water
A	6 hours	8 cm	Same amount
B	3 hours	5 cm	Same amount

Water is the only condition explicitly stated as equal. No other condition is specified.

Match the science words

variable: a part of an investigation that can change

result: what was observed or measured

evidence: information used to support an idea

compare: describe what is the same or different

pattern: a relationship that appears in the observations

conclusion: a statement that answers the question using evidence

Use the words

1. The factor compared was _____. The measured outcome was _____.
2. Water was the only condition explicitly stated as equal. Another condition I would keep equal in a future comparison is _____.
3. Group A grew _____ cm. Group B grew _____ cm.
4. Group A grew _____ cm more than Group B.
5. The evidence shows _____.
6. My conclusion is _____ because _____.

Check the limit

Does this small practice data set prove that light always causes more growth? Write one reason for your answer.