

New evidence

Now compare this record with your original claim. Keep all raw readings.

R only: fresh 100 g,10°C start,20 min, same R version/cup/lid/exposure/procedure. All surroundings now 28°C. S was not tested. Covered liquid water; no active heating/cooling, ice, phase change, direct sunlight or meaningful evaporative cooling. Room, cup, lid and supporting surfaces are at the stated surrounding temperature; it stays constant. Readings represent the sample temperature with a consistent procedure. This is a paper scenario, not apparatus instructions.

Additional trials in changed surroundings

Constructed teaching data: these values were invented for this activity, not collected in an experiment.

Trial ID	Sleeve R start (°C)	Sleeve R final (°C)
M-4	10	18.0
M-5	10	18.5
M-6	10	18.0

Fictional claim to evaluate: “R keeps water at or below 15°C in every room.”

1. What changed? Which earlier condition-specific statement can stay, and which broader claim needs revision? Can these new results rank R against S?

2. Use the next-page revision record. Explain why this is a scope change rather than proof that the first record was wrong.

Revision record · Model case

Use the initial model record and new model evidence; retain both pages. Record the actual claim being evaluated. Write, dictate while pointing to data, or use labeled notes. Each field is a prompt; decisions can combine.

1. Original claim

2. Original support

3. New evidence and conditions

4. Decision: retain / narrow / change / uncertain (more than one may apply)

5. Revised claim

6. Reasoning: why this decision fits all relevant records

7. Next useful evidence
