

## Later check · Changed requirements

100 g, start 10°C, room 22°C, 20 min. Final ≤15°C in EVERY trial; ≤6 tokens; ≤18 mm added thickness. Covered liquid water; cups/lids, mass, starting temperature, duration, exposure and reading procedure match within and across trials. Surroundings stay at the stated room temperature. No ice, phase change, active heating/cooling, direct sunlight or meaningful evaporative cooling. Each trial uses fresh samples. Accuracy is not supplied.

### Supplied design record

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

| Design | Tokens | Added mm | Trial 1 final °C | Trial 2 final °C | Trial 3 final °C |
|--------|--------|----------|------------------|------------------|------------------|
| X      | 4      | 16       | 14               | 14.5             | 14               |
| Y      | 6      | 18       | 13               | 13.5             | 13               |

1. Evaluate the original brief. Now lower the budget to 4 tokens but keep the other requirements and 22°C room. Which design, if any, is feasible? State the exact scope of that answer.

Record your first answer before reading the new-evidence page. This is a new later task, not a validated equivalent form or a mastery test.