Inferences and contextual conclusions

Key knowledge | Free preview

Learning target: Understand how analysed results support valid conclusions in their original context.

A conclusion should follow from the analysis and answer the contextual question. Include units or proportions, interpret the result in ordinary language, and distinguish a defensible inference from a stronger claim the evidence cannot support. Assumptions and limitations matter when they affect the recommendation or whether it can be applied to a new situation.

Try the mathematics

Task 1. Write a cautious inference about the supplier’s claim using the calculated interval. Identify one reason the conclusion may not transfer to all future production.

Continue with the full worksheet

The complete resource has 2 focused task sets and substantive worked solutions. Use an exercise book or print the A4 worksheet. This preview shows the first task without its full solution.

Find this resource: https://resources.aspiretopowerlearning.com.au/vce/skills/aspire-mm-u34-o2-kk-05/

Study-design reference

VCE Mathematics Study Design 2023-2027, version 1.1 (November 2022). Mathematical Methods; Units 3–4; Outcome 2; Key knowledge; bullet 5; p. 103.

The learning target is a concise paraphrase. Aspire reference: aspire-mm-u34-o2-kk-05. This is an internal identifier, not an official VCAA code.

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