

# Answer Keys & Grading Notes

Objective-aligned exemplars, full-credit models, and the mistakes to watch for. **Do not distribute to students.**

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**True-up step:** the objective sections below are built from the AP learning objectives. Paste your real Code.org prompts into chat and I'll fill exact question-by-question keys. The *AI-Proof Worked Answers* section matches the handwritten assignment exactly.

## A · Parameters & return

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**Full-credit exemplar:** A parameter generalizes a procedure (one procedure, many inputs); a return value hands a result back to the caller so it can be used elsewhere. Full credit shows a call with an argument and uses the returned value.

**Common mistakes:** Printing inside the procedure instead of returning; parameter not actually used in the body; ignoring the return value at the call site.

## B · Libraries / abstraction

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**Full-credit exemplar:** Using an existing library procedure lets you reuse tested code and hide detail — that's abstraction managing complexity. Full credit names a real library call and why it helps.

**Common mistakes:** Reinventing a library function; 'abstraction' stated but not explained; no example call.