

Learner Assessment: Rounding error intervals and bounds

Objective: Describe rounding intervals and reason about limits of accuracy.

Calculator condition: Calculator allowed where labelled; non-calculator reasoning remains required.

L055 Rounding error intervals and bounds



balanced operations + independent check

Objective: Describe rounding intervals and reason about limits of accuracy.

Recall

Retrieve the key fact or method needed for rounding error intervals and bounds.

Core practice

A rectangle is 8.2 cm by 5.6 cm to the nearest 0.1 cm. Find its lower area bound.

Working: _____

Check/explanation: _____

Reasoning

A rounded length is 10 cm to nearest cm. Is 10.5 cm included? Explain.

Working: _____

Check/explanation: _____

Exam-style

Solve an exam-style problem involving rounding error intervals and bounds. Show working, include a check and interpret your answer.

Working: _____

Check/explanation: _____