

Learner Assessment: Growth decay and compound interest

Objective: Model repeated percentage change, growth, decay and compound interest.

Calculator condition: Non-calculator core; calculator optional only for checking where labelled.

L067 Growth decay and compound interest



Objective: Model repeated percentage change, growth, decay and compound interest.

Recall

Retrieve the key fact or method needed for growth decay and compound interest.

Core practice

£1,000 grows 4% annually for three years. Find final value to the nearest penny.

Working: _____

Check/explanation: _____

Reasoning

A price rises 20% then falls 20%. Prove it does not return to the starting price.

Working: _____

Check/explanation: _____

Exam-style

Solve an exam-style problem involving growth decay and compound interest. Show working, include a check and interpret your answer.

Working: _____

Check/explanation: _____