

L093 · GCSE Mathematics 1MA1 · 60 minutes

The goal

Retrieve and connect number, ratio and proportional methods.

Connect & Check

Complete the starter in your workbook. Retrieve the prior skill, then identify one likely error before you use today's method.

L093 Number and ratio consolidation



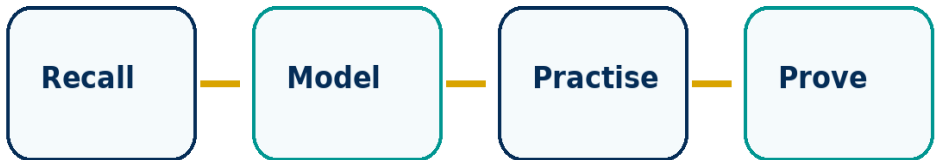
Objective: Retrieve and connect number, ratio and proportional methods.

Compare your method with a partner. Agree on one reliable step and one check.
Be ready to explain your reasoning, not just your answer.

Build the method

Use the worked model to interleave methods without labels; use diagnostics to re-practise the weakest link. Record the key step and one check that proves the answer.

L093 Number and ratio consolidation



Objective: Retrieve and connect number, ratio and proportional methods.

Choose your route

Choose your route: A - visual model, B - method first, or C - explain first.
Whichever route you choose, your final answer must prove the lesson objective.

Guided practice

Split £96 in ratio 1:3:4 and check the total.

Apply

L093 Number and ratio consolidation

Recall

Model

Practise

Prove

Objective: Retrieve and connect number, ratio and proportional methods.

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Independent practice

A price increases 10% then 10%. Explain why total increase is 21%, not 20%.

L093 Number and ratio consolidation

Recall

Model

Practise

Prove

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Exam-style practice

Solve an exam-style problem involving number and ratio consolidation. Show working, include a check and interpret your answer.

Recall & Review

Complete a fresh question without notes. Check your answer, correct one error if needed, and record the next practice step.

Before next lesson

Correct one error, record one target and complete the flipped learning task.

L093 Recall & Review

Number and ratio consolidation



Fresh evidence: prove the objective

Solve a new question without prompts. Explain one check, then correct one error in your working.

Objective: Retrieve and connect number, ratio and proportional methods.

Write the next practice step before you leave. It must test the method again, not simply copy today's example.

Feedback language

Use the full phrases before the abbreviations.

What Went Well (WWW)

I used my working and assessment evidence to identify the exact mathematical step that was secure and the specific misconception that needs attention.

Identify the mathematical method, representation, reasoning or check that improved.

Even Better If (EBI)

I will correct one precise step, explain why the correction works and complete a fresh delayed question without the original scaffold.

Set one precise next-step action and test it on a fresh question.

Extension route

Choose this route only after the core evidence is secure.

Stretch

Split £96 in ratio 1:3:4 and check the total.

Deep challenge

A price increases 10% then 10%. Explain why total increase is 21%, not 20%.

Explain your reasoning clearly enough that another learner could check it.