

Learner Assessment: Sample spaces and systematic lists

Objective: List outcomes systematically and calculate probabilities from sample spaces.

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

L050 Sample spaces and systematic lists



Objective: List outcomes systematically and calculate probabilities from sample spaces.

Recall

Retrieve the key fact or method needed for sample spaces and systematic lists.

Core practice

Two fair dice are rolled. Count the outcomes with a sum of 9 and find the probability.

Working: _____

Check/explanation: _____

Reasoning

A learner lists (1,3) and (3,1) as one outcome when two distinct dice are rolled. Explain the effect.

Working: _____

Check/explanation: _____

Exam-style

Solve an exam-style problem involving sample spaces and systematic lists. Show working, include a check and interpret your answer.

Working: _____

Check/explanation: _____