

Learner Assessment: Probability pathway and repair

Objective: Select a probability representation and repair common errors.

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

L076 Probability pathway and repair

Collect

Represent

Analyse

Conclude

Is the sample fair?

What does the diagram show?

What conclusion is valid?

Objective: Select a probability representation and repair common errors.

Recall

Retrieve the key fact or method needed for probability pathway and repair.

Core practice

Two fair dice are rolled. Find $P(\text{at least one six})$.

Working: _____

Check/explanation: _____

Reasoning

A bag with 3 red and 2 blue is drawn twice without replacement. Are the events independent? Show with probabilities.

Working: _____

Check/explanation: _____

Exam-style

Solve an exam-style problem involving probability pathway and repair. Show working, include a check and interpret your answer.

Working: _____

Check/explanation: _____