

Learner Assessment: Comparing distributions pathway

Objective: Compare distributions using suitable statistics and graphical evidence.

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

L079 Comparing distributions pathway



Objective: Compare distributions using suitable statistics and graphical evidence.

Recall

Retrieve the key fact or method needed for comparing distributions pathway.

Core practice

Group A has $Q1=7, Q3=19$; group B has $Q1=10, Q3=17$. Compare IQRs.

Working: _____

Check/explanation: _____

Reasoning

Can one distribution have both a higher median and a larger IQR than another? Explain the practical interpretation.

Working: _____

Check/explanation: _____

Exam-style

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

Working: _____

Check/explanation: _____