

## Learner Assessment: Statistical comparisons

**Objective:** Compare distributions using context, a typical value and spread.

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

### L048 Statistical comparisons



Objective: Compare distributions using context, a typical value and spread.

### Recall

Retrieve the key fact or method needed for statistical comparisons.

### Core practice

Class A has median 14 and IQR 3; class B median 16 and IQR 9. Compare typical score and consistency.

Working: \_\_\_\_\_

Check/explanation: \_\_\_\_\_

### Reasoning

Two groups share mean 20. One has range 2 and the other 30. What can and cannot be concluded?

Working: \_\_\_\_\_

Check/explanation: \_\_\_\_\_

### Exam-style

Solve an exam-style problem involving statistical comparisons. Show working, include a check and interpret your answer.

Working: \_\_\_\_\_

Check/explanation: \_\_\_\_\_