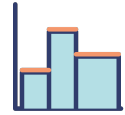


ST4 Distributions and statistical graphs



Personal learning checklist | 1 of 2

Edexcel GCSE Statistics 1ST0 | Both papers · Foundation and Higher

Name _____ Class _____ Date _____

Tick one box for each statement. Red: need help. Amber: partly confident.
Green: can do independently.

Higher statements are labelled. Show full workings, construct graphs and use real sourced data for enquiry tasks.

I can	Red	Amber	Green
Grouped and cumulative displays			
Interpret class boundaries and construct frequency polygons using midpoints.	☐	☐	☐
Construct and interpret equal-width histograms for continuous grouped data.	☐	☐	☐
Construct cumulative-frequency displays from running totals and appropriate boundaries.	☐	☐	☐
Read cumulative counts, quartiles and grouped estimates with justified precision.	☐	☐	☐
Construct box plots and compare centres and spreads on a common scale.	☐	☐	☐
Explain information lost in grouped displays and five-number summaries.	☐	☐	☐
Distinguish exact discrete cumulative totals from within-class continuous estimates.	☐	☐	☐
Shape and skew			
Identify and interpret skew using tails, centre measures and quartile distances.	☐	☐	☐
Compare distribution shapes in context without overclaiming from summaries.	☐	☐	☐

My next revision priority _____

ST4 Distributions and statistical graphs



Personal learning checklist | 2 of 2

Edexcel GCSE Statistics 1ST0 | Both papers · Foundation and Higher

Name _____ Class _____ Date _____

Tick one box for each statement. Red: need help. Amber: partly confident.
Green: can do independently.

Higher statements are labelled. Show full workings, construct graphs and use real sourced data for enquiry tasks.

I can	Red	Amber	Green
Higher — density and calculated skew			
Higher: calculate density and construct accurate unequal-width histograms.	☐	☐	☐
Higher: recover class frequencies and estimate partial counts with an explicit assumption.	☐	☐	☐
Higher: calculate and interpret a supplied skew coefficient.	☐	☐	☐

My next revision priority _____