

ST8 Time series, index numbers and rates



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
Time series and rates			
Construct time-series displays and distinguish trend, seasonal, cyclic and irregular movement.	☐	☐	☐
Calculate and position four-point moving averages and interpret smoothing limitations.	☐	☐	☐
Calculate simple indices and distinguish percentage, index-point and percentage-point changes.	☐	☐	☐
Interpret RPI, CPI and GDP series with appropriate bases and price definitions.	☐	☐	☐
Calculate comparable population rates and qualified forecasts using a supplied formula.	☐	☐	☐

My next revision priority _____

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I can	Red	Amber	Green
Higher — seasonal estimates and indices			
Higher: choose moving-average periods and centre even-period averages correctly.	☐	☐	☐
Higher: calculate mean seasonal effects and apply an additive prediction model.	☐	☐	☐
Higher: calculate weighted and chain-based indices and interpret their meaning.	☐	☐	☐
Higher: interpret supplied standardisation formulas and their population basis and output units.	☐	☐	☐

My next revision priority _____