

ST11 Combined events and conditional probability



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
Outcomes and event relationships			
Construct systematic sample spaces and identify equally likely ordered outcomes.	☐	☐	☐
Distinguish exclusive, exhaustive and independent events in context.	☐	☐	☐
Apply the addition rule to exclusive alternatives and multiplication to independent events.	☐	☐	☐
Construct labelled trees and combine complete paths without duplication.	☐	☐	☐
Calculate successive probabilities with and without replacement.	☐	☐	☐
Conditional probability and tables			
Interpret conditional notation and apply the restricted-denominator formula.	☐	☐	☐
Calculate joint and conditional probabilities from two-way tables and Venn regions.	☐	☐	☐
Distinguish exactly, at least and no successes using complements and distinct paths.	☐	☐	☐
Enumerate and calculate outcomes for three events and check exhaustive totals.	☐	☐	☐

My next revision priority _____

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I can	Red	Amber	Green
Higher — general addition law			
Higher: apply the general addition law to overlapping events.	☐	☐	☐

My next revision priority _____