



M38 Combined events and tree diagrams

Personal learning checklist | 1 of 1

GCSE Edexcel Mathematics | All three 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. Foundation students use the remaining statements.

I can	Red	Amber	Green
Core methods			
Calculate probabilities of independent combined events using multiplication.	☐	☐	☐
Add probabilities of alternative paths and use complements for at-least-one events.	☐	☐	☐
Applying and explaining			
Draw and complete probability trees with correct branch totals and outcome labels.	☐	☐	☐
Update probabilities for draws without replacement and calculate complete outcome paths.	☐	☐	☐
Higher extensions			
Calculate conditional probabilities by restricting the sample space (Higher).	☐	☐	☐
Applying and explaining			
Complete two-way tables and choose the appropriate denominator for whole-group probabilities.	☐	☐	☐

My next revision priority _____