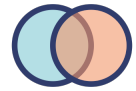


M37 Sample spaces, sets and Venn diagrams



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			
List sample spaces systematically and use tables to count equally likely combined outcomes.	☐	☐	☐
Interpret set notation, including unions, intersections, complements and universal sets.	☐	☐	☐
Applying and explaining			
Complete and read Venn diagrams, checking every region against the total.	☐	☐	☐
Calculate probabilities from Venn regions using the correct full sample space.	☐	☐	☐
Use inclusion-exclusion to find union or neither counts without double-counting.	☐	☐	☐

My next revision priority _____