

Venn and Carroll Diagrams — Cheat Sheet

11+ Maths Guide · Year 5-6 · Keep this by your desk

VENN AND CARROLL DIAGRAMS

1. Venn: each circle = a rule; overlap = both; outside = neither.
2. Carroll: yes/no grid — every item in exactly one box.
3. Place every single item, including the 'neither' ones.
4. Count items at the end to check none are lost.

Example: 1-10, even/multiple-of-3 → overlap {6}; outside {1, 5, 7}.