

05

SEATING ARRANGEMENTS · LECTURE 05 OF 05

Capstone — Blood Relations, Floors, CLAT PYQs

Family seating · Floor puzzles · CLAT 2022 to 2024 PYQs

CAPSTONE — BLOOD RELATIONS, FLOORS, CLAT PYQS

AGENDA · 75 MIN

What we will cover today

- 01 The grammar of seating**
Direction conventions and row notation
- 02 Left-right inversion**
The #1 trap student fall into
- 03 Neighbour clues, read precisely**
Immediate · second · third · between
- 04 Fix-first method**
Start from the most certain clue
- 05 Worked demos + 10 live examples**
Faculty solves on the right half
- 06 Homework & next class**
Practice 01 · L2 = double row

PART 01

The Frame



Single row, facing arrow, and the grammar every seating problem must obey.

CONCEPT · FAMILY AT TABLE

Blood-relation seating

- Two layers: seat position + relation

Diagram + family tree on paper, side by side

- Three-generation default

Grandparent · parent · child generations matter for relations

- Common clue types

'X is Y's father' · 'X's daughter sits opposite Y' · 'siblings sit adjacent'

- Gender + generation often implicit

'X is the only daughter of Y' fixes gender of both

DRAW TWO

*Always draw the circle
AND a small family tree to
the right. Don't try to hold
the relations in your head.*

CONCEPT · RELATION CLUES

Read every relation precisely

■ 'Father / mother / son / daughter'

Direct generation link — anchor heavily

■ 'Sibling / brother / sister'

Same generation; shared parents

■ 'Uncle / aunt / nephew / niece'

One generation gap; siblings of parents

■ 'In-law' relations

Marriage links; treat as same-generation through spouse

■ 'Cousin' — same generation

Children of siblings

GENDER TRAP

'Doctor' or 'engineer' may be either gender unless the clue says otherwise. Don't assume.

CONCEPT · FLOORS

Vertical seating — different rules

- N floors stacked vertically
Floor 1 is the ground; Floor N is the top
- 'Above' = higher floor number
'Below' = lower floor number
- 'Immediately above' = next floor up
Skip one floor for 'second above'
- No left/right inversion — floors are 1D
Easier than rows in that respect

FLOOR vs ROW

Row puzzles deal with facing inversion. Floor puzzles do NOT. The clue grammar otherwise mirrors linear-row exactly.

PART 02

II

The Method

*Fix-first. Branch only when forced.
Final-check sweep before every answer.*

CONCEPT · CLAT PATTERNS

What CLAT has tested 2022-2024

- **2022** — 8 around table + profession
Standard fare, single-direction facing
- **2023** — 5+5 double row + colour
Profession overlay was the tough rider
- **2024** — 7 floors + persons + age order
Floor puzzle was the L5 marker
- **Mixed-facing circular** — IBPS heavy
Less common in CLAT but worth drilling
- **Blood-relation + circular**
Appears every 2-3 years; high-yield

CAPSTONE — BLOOD RELATIONS, FLOORS, CLAT PYQS

PYQ STRATEGY

Solve every CLAT 2020-2024 LR set. Patterns repeat. The CLAT 2025 set is in Practice 05.

METHOD · CAPSTONE STRATEGY

How to walk into the LR section

- **Step 1. Triage — easiest set first**
Single-direction linear or circle = warm-up
- **Step 2. Build the diagram before reading riders**
Diagram done in 3-5 min, no peeking at Qs
- **Step 3. Solve riders in order; skip the hardest**
Come back to skipped riders after all sets done
- **Step 4. Final-check sweep on every set**
1-clue silent miss costs 1 mark per set
- **Step 5. Track time per set**
Hard cap: 6 min for any set + riders. Move on.

CAPSTONE — BLOOD RELATIONS, FLOORS, CLAT PYQS

FULL SECTION

30 LR questions in 25 min total target. 5 sets × 5 min = 25 min. Tight. Build muscle memory in practice.

PART 03

III

Live Solving

Twelve examples.

Left = problem · Right = your canvas.

Faculty asks the riders orally.

EXAMPLE 01

8 around table — family

- ▶ Eight family members around a round table; all face centre.
- ▶ A is B's father; C is B's mother.
- ▶ D is A's brother; sits opposite A.
- ▶ E is C's daughter; sits to A's immediate left.
- ▶ F is D's wife; G is F's son.
- ▶ H is the only daughter of D; sits between E and G.

WORKING

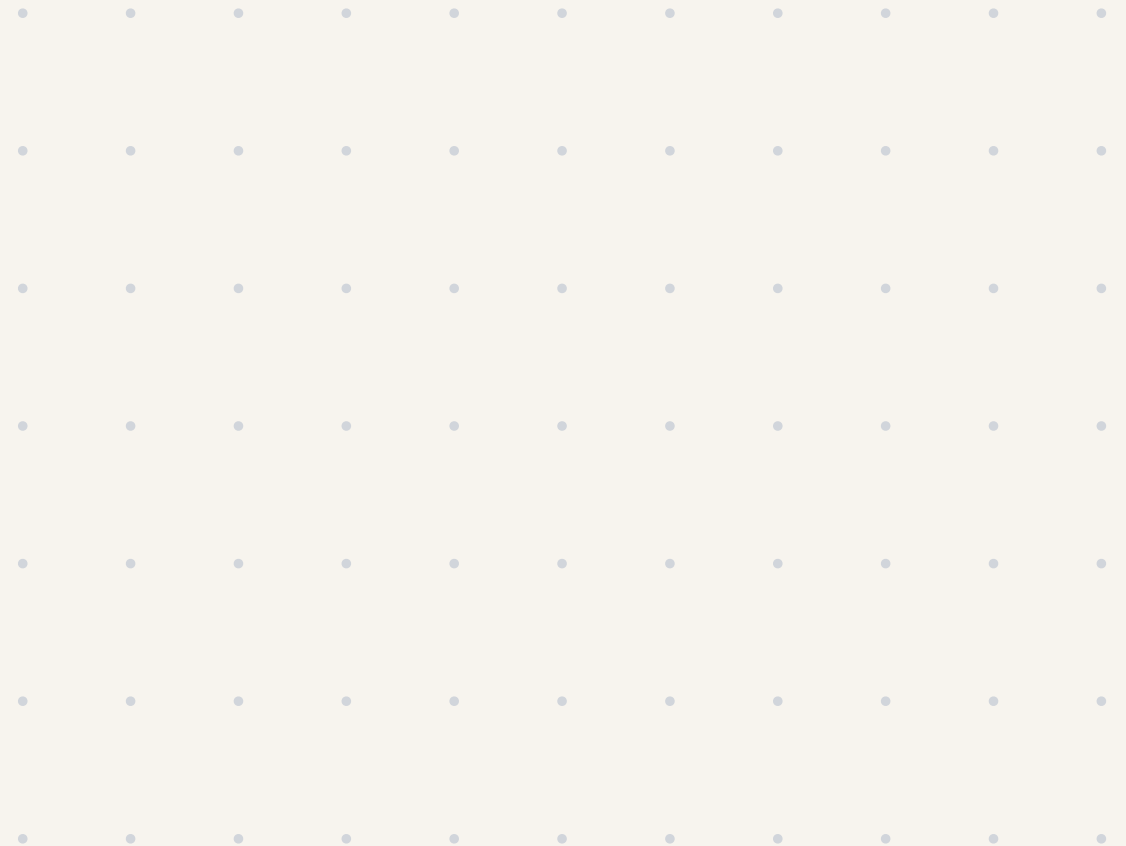


EXAMPLE 02

8 around table — three generations

- ▶ Eight people; three generations of a family.
- ▶ Grandfather sits at one of the 'cardinal' seats.
- ▶ P is grandfather; Q is his wife.
- ▶ R is P's only son; R's wife is S.
- ▶ T is R and S's daughter; U is R and S's son.
- ▶ V and W are P and Q's grandchildren by another child.

WORKING



EXAMPLE 03

7 floors — age order

- ▶ A 7-floor building; each floor has one tenant.
- ▶ Ground floor is floor 1; top floor is floor 7.
- ▶ P lives on the third floor; Q lives on the floor immediately above P.
- ▶ R lives two floors above Q; S lives on the floor below R.
- ▶ T is on a floor higher than R; U is on the ground floor.
- ▶ V is on the only remaining floor.

WORKING

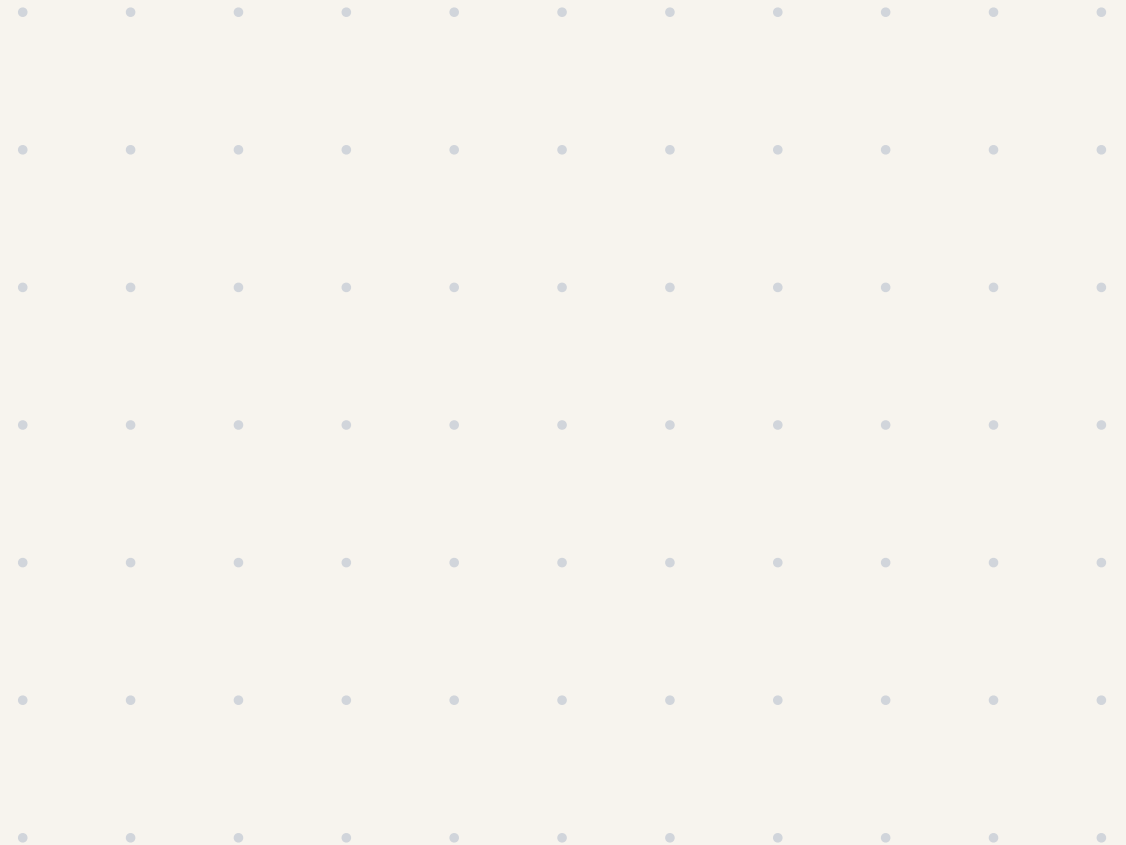


EXAMPLE 04

8 floors + profession

- ▶ An 8-floor building; one tenant per floor.
- ▶ Each tenant has a distinct profession.
- ▶ Doctor lives on floor 5; engineer lives two floors above doctor.
- ▶ Lawyer lives on the ground floor.
- ▶ Teacher lives directly below the engineer.
- ▶ Architect lives between doctor and teacher.

WORKING

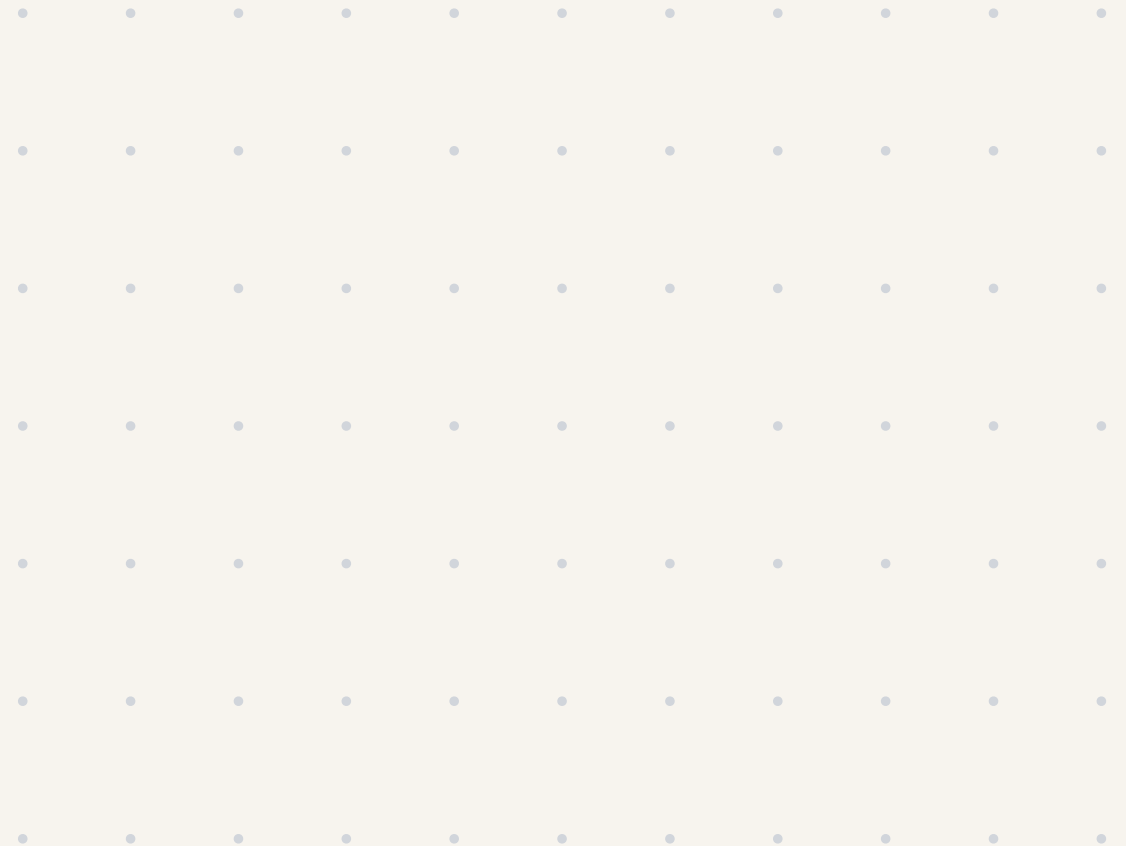


EXAMPLE 05

Family of 6 around table

- ▶ Six family members around a round table; all face centre.
- ▶ P is the father of Q; R is Q's brother.
- ▶ S is P's wife; T is S's daughter.
- ▶ U is T's husband; sits opposite P.
- ▶ Q sits to P's immediate right.
- ▶ Two adjacent pairs are husband-wife.

WORKING

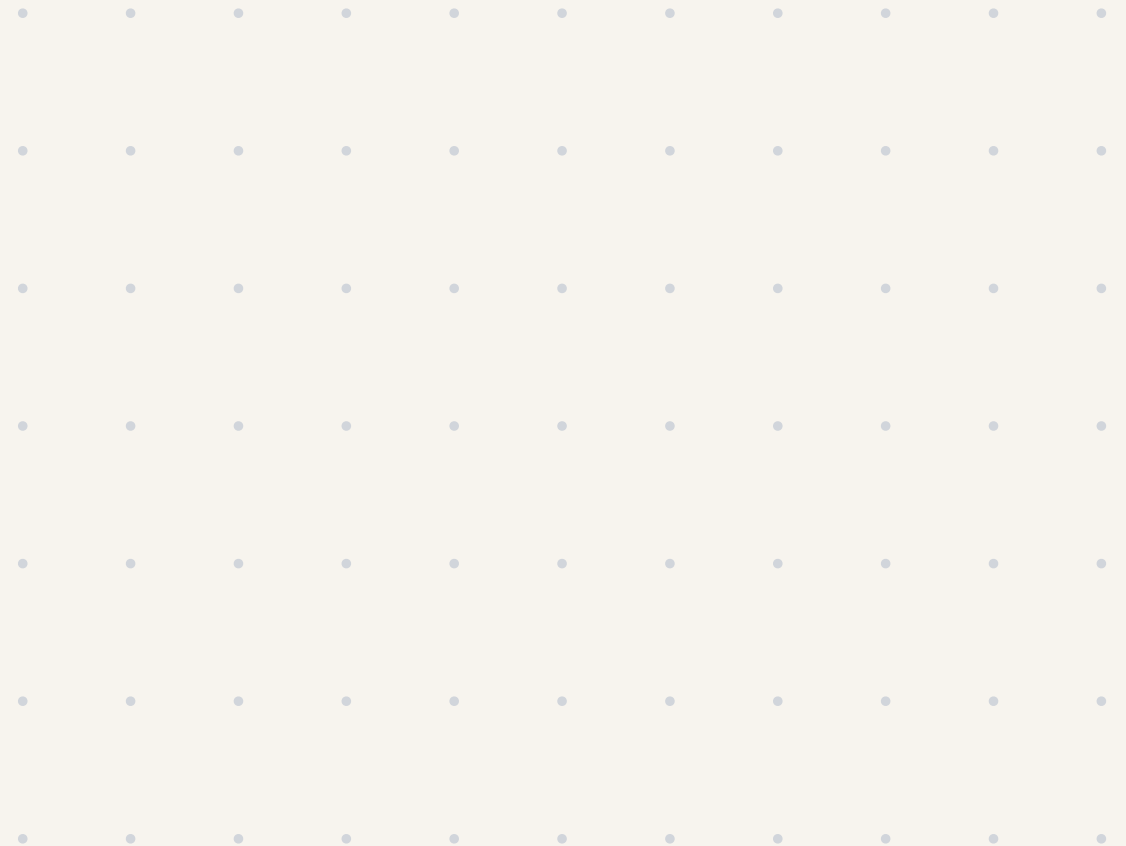


EXAMPLE 06

10 around circle + profession + day

- ▶ Ten people around a round table; all face centre.
- ▶ Each has a distinct profession and a distinct weekday.
- ▶ Doctor attends Monday; sits opposite the engineer.
- ▶ Engineer attends Friday; lawyer attends Wednesday.
- ▶ Lawyer is third to doctor's right (doctor's view).
- ▶ Teacher attends Thursday; sits between lawyer and engineer.

WORKING

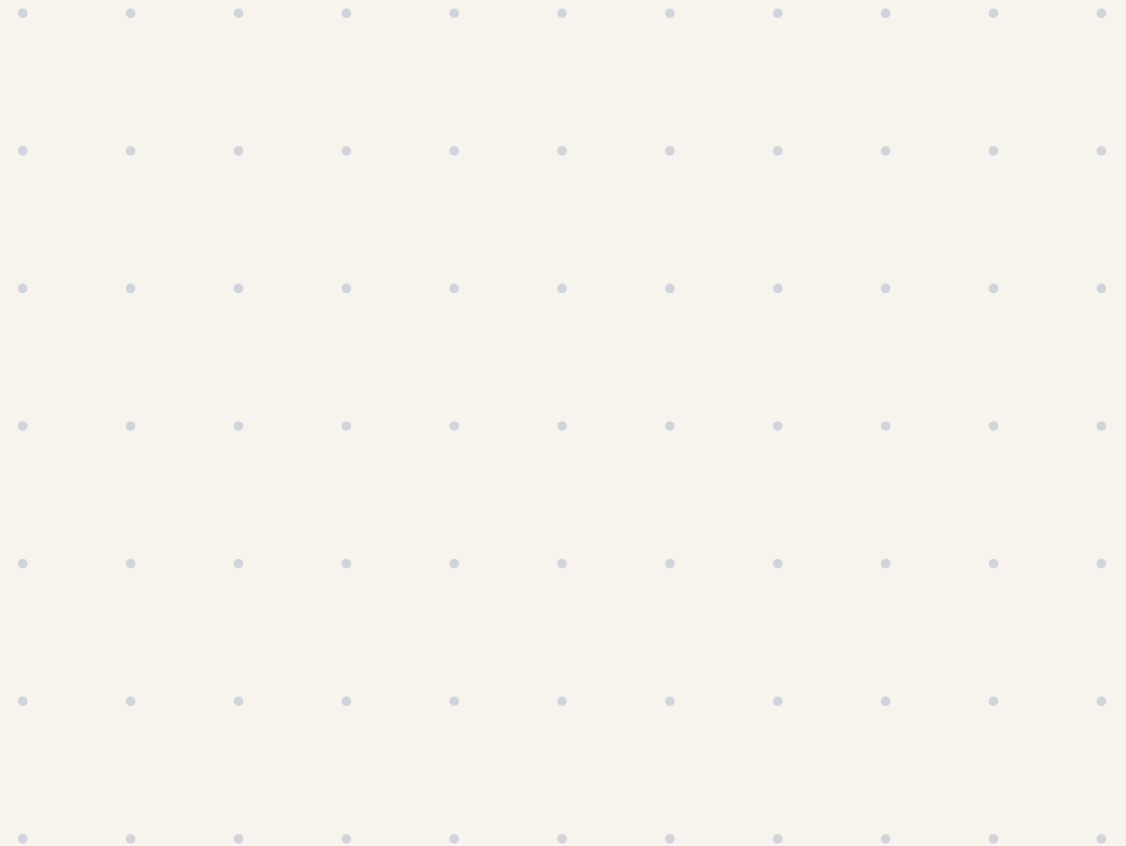


EXAMPLE 07

5+5 double row — family overlay

- ▶ Ten family members in two rows of 5 face each other.
- ▶ Row 1 = older generation (parents and uncles).
- ▶ Row 2 = younger generation (children and nephews).
- ▶ Each older-row person sits opposite their own child.
- ▶ Anil (father) sits at left end of Row 1.
- ▶ Bina (Anil's daughter) sits opposite Anil.

WORKING

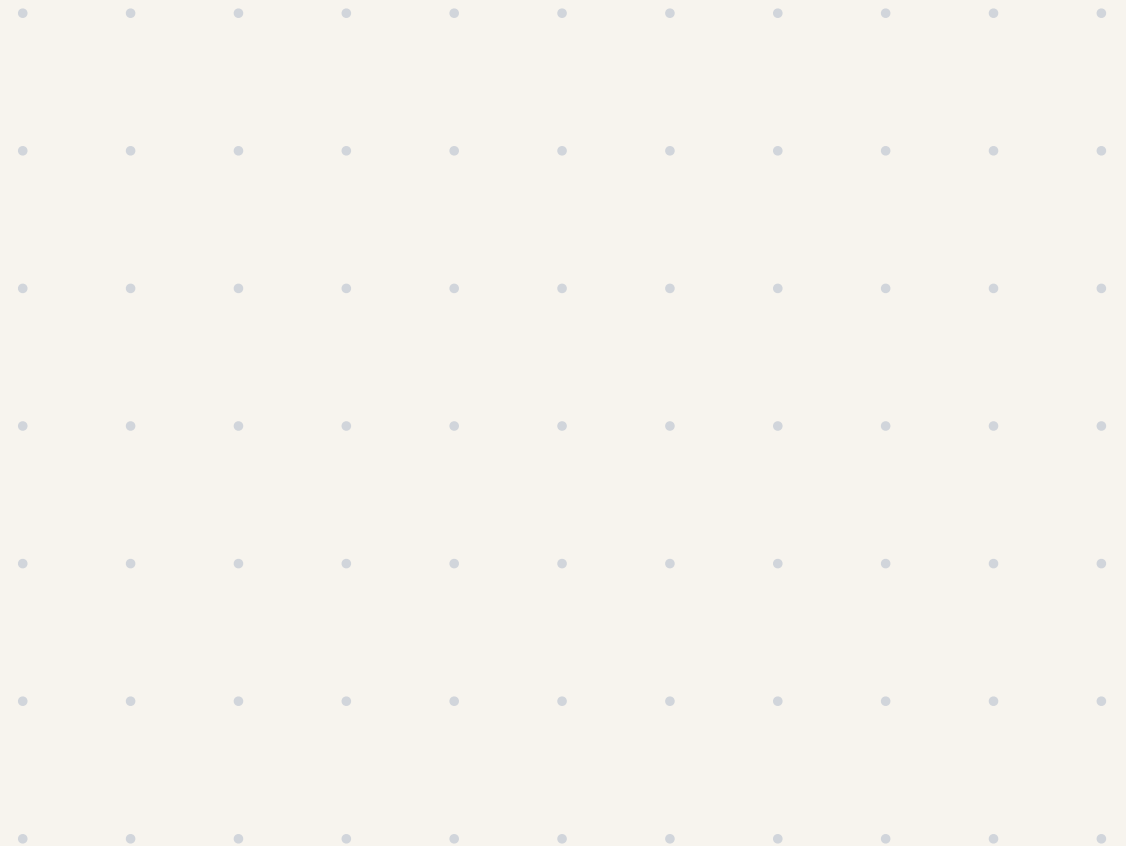


EXAMPLE 08

8 around circle + colour + age

- ▶ Eight people around a round table face the centre.
- ▶ Each has a distinct colour-preference and a distinct age.
- ▶ Red-fan is the eldest; sits opposite the youngest.
- ▶ Youngest likes blue.
- ▶ Green-fan is third to red's right.
- ▶ Yellow-fan sits between red and green.

WORKING

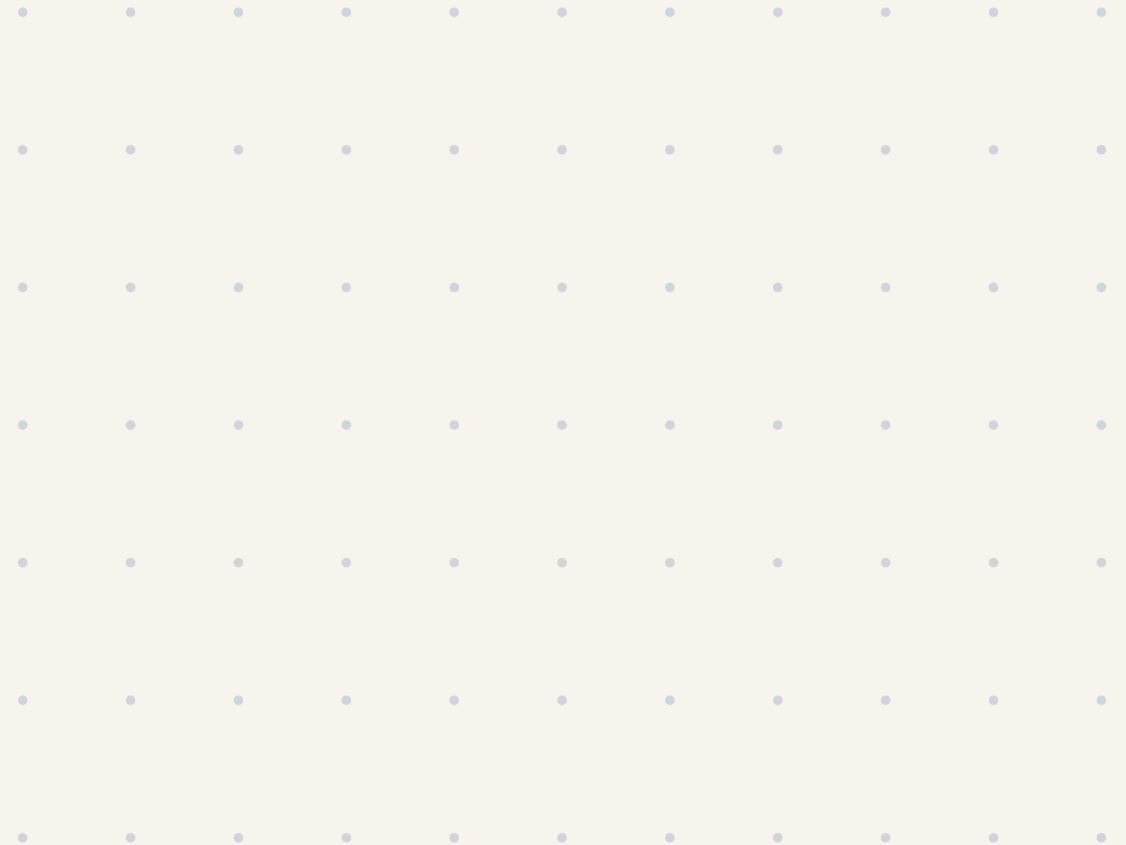


EXAMPLE 09

CLAT 2022-style — 8 around table

- ▶ Eight people around a round table; all face centre.
- ▶ Each has a distinct profession.
- ▶ Doctor sits opposite engineer; lawyer opposite teacher.
- ▶ Anil (doctor) is third to Bina's right.
- ▶ Chetan (engineer) is between Deepak and Esha.
- ▶ Faiz (lawyer) sits opposite Bina.

WORKING

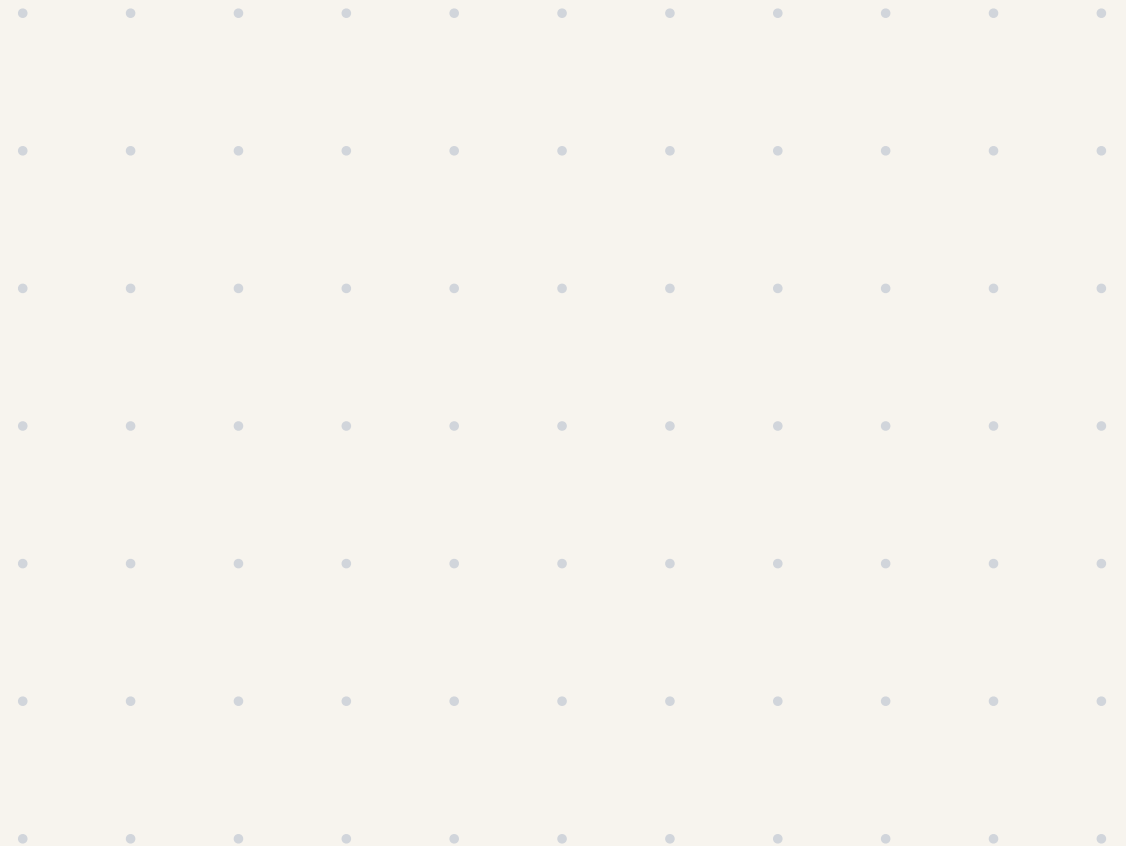


EXAMPLE 10

CLAT 2023-style — 5+5 double row

- ▶ Ten people in two rows of 5 face each other.
- ▶ Row 1 faces South; Row 2 faces North.
- ▶ Each has a distinct colour-preference.
- ▶ Red-fan sits at left end of Row 1; opposite to Blue-fan.
- ▶ Green-fan is third to red's right; opposite to Yellow.
- ▶ Orange-fan is between green and the right end of Row 1.

WORKING

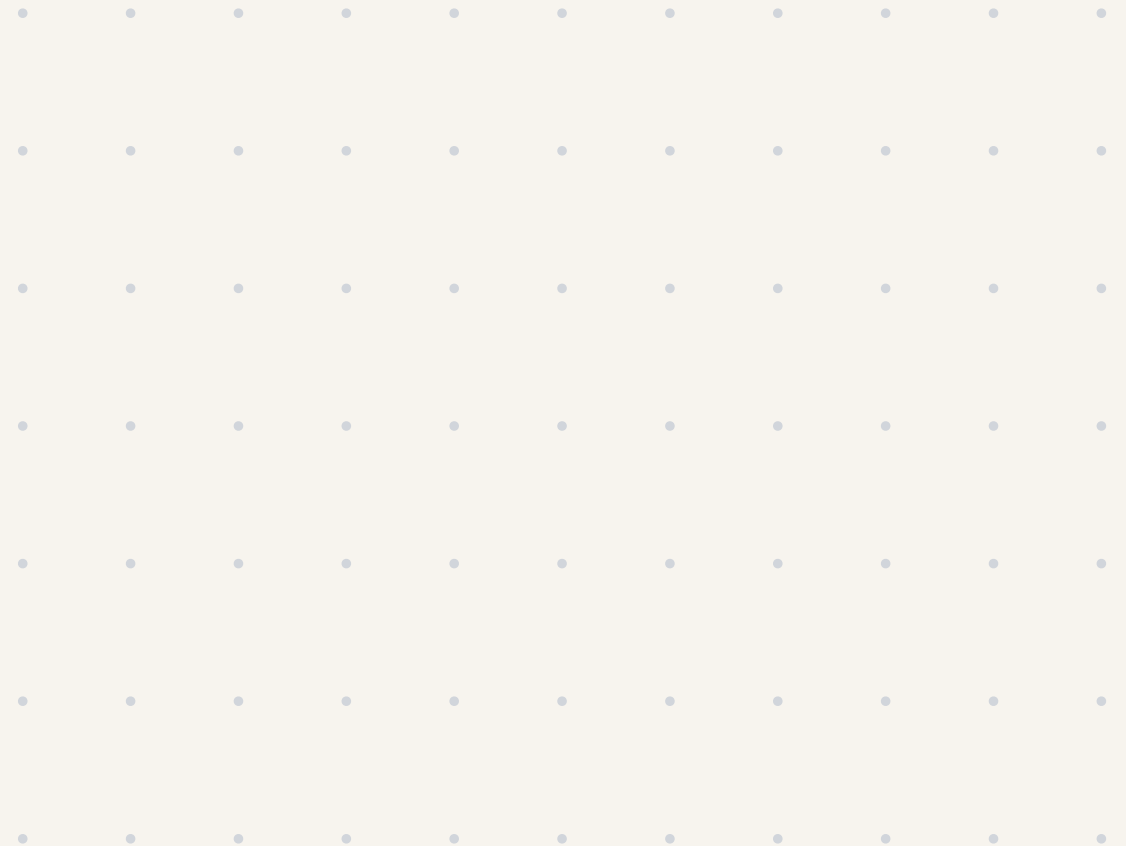


EXAMPLE 11

CLAT 2024-style — 7 floors

- ▶ Seven floors; one tenant per floor.
- ▶ Each tenant has a distinct age (24, 28, 32, 36, 40, 44, 48).
- ▶ The 32-year-old lives on the third floor.
- ▶ The eldest lives on the top floor.
- ▶ The 28-year-old lives directly below the 36-year-old.
- ▶ The 40-year-old lives between 32 and 36.

WORKING

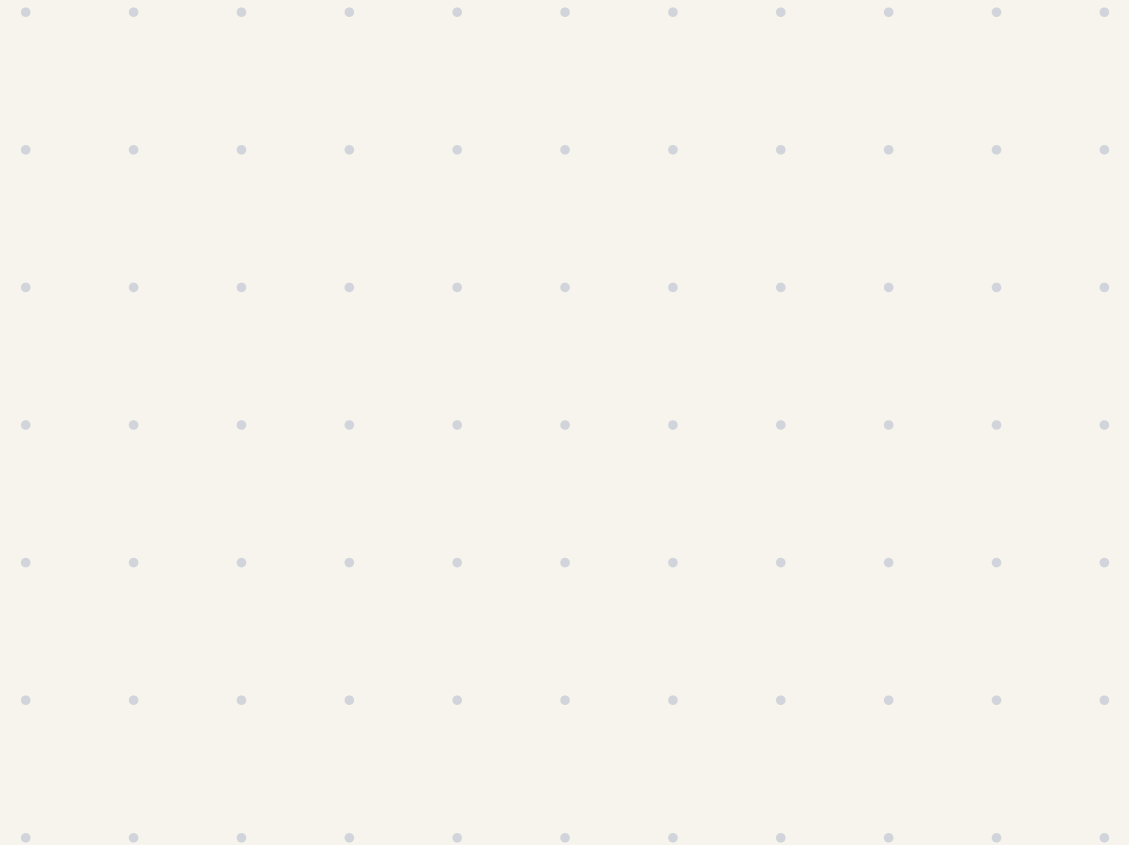


EXAMPLE 12

Capstone — family + profession + circle

- ▶ Eight family members around a round table; all face centre.
- ▶ Each has a distinct profession.
- ▶ A is the father of B; A is the doctor.
- ▶ B is the lawyer; sits opposite A.
- ▶ C is A's brother; engineer; sits to A's immediate right.
- ▶ D is B's daughter; teacher; sits between A and C's wife E.

WORKING



PART 04

IV Wrap & Homework

*Recap the five drills.
Pick up Practice 05 on your way out.*

RECAP & HOMEWORK

What we drilled today

- ✓ Linear grammar locked
- ✓ Left-right inversion drilled
- ✓ Fix-first method
- ✓ Nth-to-the-left counting
- ✓ Final-check sweep

HOMEWORK

Practice Sheet 05

24 questions · 24 minutes

+1 / -0.25 · Target $\geq 18/24$

NEXT · PRACTICE 5 · COMPLETE
THE ARC