

ANSWER KEY · CLASS 05 · LOGICAL REASONING (ANALYTICAL)

Double Row Seating – Answer Key

5+5 Opposite-Facing

Profession Combo

Colour Combo

Day Combo

CLAT Stretch

PURPOSE

Per-set final arrangement, per-question answer, and a one-line method note. Use this to diagnose where your solving went wrong: did you mis-label a facing arrow? mis-apply per-row inversion? miss the final-check sweep? Patterns repeat — fix the pattern, not just the answer.

HOW TO USE THIS KEY

Open the Practice Sheet next to this key. For each Q you got wrong, do NOT just memorise the right option. Re-read the method note, trace it on the diagram, and identify which step of the fix-first method you skipped. If you mis-labelled a facing arrow, that single error usually cascades — fix the habit, not the symptom.

SET 01 · ANSWERS

Q 1–5 · 5+5 opposite-facing basic

ARRANGEMENT

**Row 1 (S): P Q S T R · Row 2 (N): A B E
D C**

FACING

**Row 1 → ↓ ↓ ↓ ↓ ↓ facing South · Row 2 → ↑ ↑ ↑ ↑ ↑
facing North**

METHOD

Anchor: P at left end of Row 1 → A opposite P (Row 2 col 1) → B immediate right of A (reader) → Q opposite B → C at right end of Row 2 → R opposite C → S between Q and T with one person to S's right → T fills remaining slot → D right of E in Row 2.

Q	ANSWER	METHOD NOTE
Q1	(D) R	Row 1 cols 1-5 = P Q S T R. Right end (col 5) = R.
Q2	(D) D	T = Row 1 col 4 → opposite = Row 2 col 4 = D.
Q3	(B) One	S = col 3, R = col 5. Between them: col 4 = T = 1 person.
Q4	(B) B	E = Row 2 col 3 (reader). Reader-left of col 3 = col 2 = B.
Q5	(A) P and A	Left end Row 1 = P. Left end Row 2 = A.

SET 02 · ANSWERS

Q 6–10 · 5+5 with profession combo

ARRANGEMENT

**Row 1 (S): T S R Q P · Row 2 (N): E D C
B A**

FACING

**Row 1 → ↓ ↓ ↓ ↓ ↓ facing South · Row 2 → ↑ ↑ ↑ ↑ ↑
facing North**

METHOD

Anchor: P at right end Row 1 (col 5) → A opposite P (Row 2 col 5) → Q to P's right (P faces S → P's right = west → col 4) → R second to P's right = col 3 → S to R's right (col 2) → T fills col 1. Row 2: A=5, B to A's left (A faces N → A's left = west → col 4) → C opposite R (col 3) → E at left end (col 1) → D between C and E (col 2).

Q	ANSWER	METHOD NOTE
Q6	(B) S	S sits at Row 1 col 2 and is the journalist by direct clue.
Q7	(B) Q (lawyer)	Teacher = B = Row 2 col 4 → opposite = Row 1 col 4 = Q = lawyer.
Q8	(B) S	T at Row 1 col 1, faces S → T's left = east on paper = col 2 = S.
Q9	(B) S	Chef = D = Row 2 col 2 → opposite = Row 1 col 2 = S.
Q10	(A) A	Row 2 cols 1-5 = E D C B A. Right end (reader col 5) = A.

SET 03 · ANSWERS Q 11-15 · 5+5 with colour combo

ARRANGEMENT	Row 1 (S): K L M N J · Row 2 (N): U V W X Y
FACING	Row 1 → ↓ ↓ ↓ ↓ ↓ facing South · Row 2 → ↑ ↑ ↑ ↑ ↑ facing North
METHOD	Anchor: K at left end Row 1 (col 1) → L to K's left (K faces S → K's left = east → col 2) → M to L's left = col 3 → N to M's left = col 4 → J fills col 5. Row 2 by direct 'opposite' clues: U=1 (opp K), V=2 (opp L), W=3 (opp M), X=4 (opp N), Y=5 (opp J).

Q	ANSWER	METHOD NOTE
Q11	(D) J	Row 1 cols 1-5 = K L M N J. Right end = J.
Q12	(C) W	W likes yellow by direct clue.
Q13	(B) Two	K = col 1, N = col 4. Between them: cols 2, 3 = L, M = 2 friends.
Q14	(B) Green	Purple = L (col 2) → opposite = V (col 2) → V likes green.
Q15	(C) N	K faces S → K's left = east → cols 2, 3, 4. Third to left = col 4 = N.

SET 04 · ANSWERS Q 16-20 · 5+5 with weekday combo

ARRANGEMENT	Row 1 (S): A B C D E · Row 2 (N): P Q R S T
FACING	Row 1 → ↓ ↓ ↓ ↓ ↓ facing South · Row 2 → ↑ ↑ ↑ ↑ ↑ facing North
METHOD	Anchor: A at left end Row 1 (col 1, Monday) → P opposite A (Row 2 col 1, Friday) → B to A's left (A faces S → A's left = east → col 2, Tuesday) → C to B's left = col 3, Wed → D to C's left = col 4, Thu → E fills col 5, Fri. Row 2 by direct 'opposite' clues with their weekdays.

Q	ANSWER	METHOD NOTE
Q16	(C) S	S = Row 2 col 3 = Wednesday (opposite C).
Q17	(D) T	Thursday in Row 1 = D (col 4) → opposite = T (col 4).
Q18	(B) R	Q = col 2. Reader-right of col 2 = col 3 = R.
Q19	(B) Two	B = col 2, right end = col 5. Between: cols 3, 4 = C, D = 2 students.
Q20	(B) E and P	Friday attendees: E (Row 1 col 5) and P (Row 2 col 1).

ARRANGEMENT **Row 1 (S): K L M N J · Row 2 (N): U Y W**
V X

FACING **Row 1** → ↓ ↓ ↓ ↓ ↓ **facing South** · **Row 2** → ↑ ↑ ↑ ↑ ↑ **facing North**

METHOD Anchor: K opposite U + U at left end of Row 2 → K at Row 1 col 1 → L to K's left (K faces S → left = east → col 2) → M to L's left = col 3 → J at right end col 5 → N between M and J = col 4. Row 2: V opp N (col 4), W opp M (col 3), Y to W's left (W faces N → left = west → col 2), X fills col 5.

Q	ANSWER	METHOD NOTE
Q21	(C) X	Row 2 cols 1-5 = U Y W V X. Right end (reader col 5) = X.
Q22	(D) Y	L = Row 1 col 2 → opposite = Row 2 col 2 = Y.
Q23	(C) Three	K = col 1, J = col 5. Between: cols 2, 3, 4 = L, M, N = 3 people.
Q24	(B) V	U faces N → U's right = east. Third to right = col 4 = V.