

Puzzles Practice

Seating | Blood Relations | Directions | Calendar

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Topics:

1. Seating Arrangements
 2. Blood Relations
 3. Direction & Distance
 4. Calendar Puzzles
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1. Seating Arrangement Puzzles

Linear Arrangement: People sit in a row facing North or South. Circular Arrangement: People sit around a table. Key words: "Immediate left/right", "Second to the left", "Facing the center/outside".

Q. Tip for circular arrangement?

Ans: In circular arrangement with 6 people, if A is to immediate right of B, then B is to immediate left of A. Always fix one person and arrange others relatively.

Solved Example: 5 people — A, B, C, D, E sit in a row. B is to the right of A. C is to the left of B. D is at one end. E is not next to D.

Q. Who is in the middle in: D A C B E?

Ans: C is in the middle (position 3)

2. Blood Relation Puzzles

Key terms: Father's father = Grandfather. Mother's brother = Uncle (Mama). Father's sister = Aunt (Bua). Son's wife = Daughter-in-law. Daughter's husband = Son-in-law.

Q. A is B's sister. B is C's brother. C is D's father. How is A related to D?

Ans: A is D's Aunt (Bua)

Q. Pointing to a man, a woman says "His mother is the only daughter of my mother." How is woman related to man?

Ans: She is his mother (only daughter of her mother = herself)

3. Direction & Distance Puzzles

Always start from initial position. Draw on paper. Turns: Left turn from North = West. Right turn from North = East. Opposite of North = South. Pythagorean theorem for diagonal distance.

Q. A walks 10m North, turns right, walks 10m. Final direction from start?

Ans: East direction, 10m from original North-South line

Q. A starts from home, walks 5km East, 3km South. Shortest distance from home?

Ans: $\sqrt{5^2 + 3^2} = \sqrt{34} = \text{approx } 5.83 \text{ km}$

4. Calendar Puzzles

Q. If Jan 1, 2025 is Wednesday, what day is Jan 1, 2026?

Ans: Thursday (2025 is not a leap year, so 365 days = 52 weeks + 1 odd day)

Q. How many odd days in a leap year?

Ans: 2 odd days (366 days = 52 weeks + 2 days)

Q. What day is the 100th day from a Monday?

Ans: Wednesday (100 = 14 weeks + 2 days, Monday + 2 = Wednesday)

5. MCQ Practice Set

Q. A is to the left of B. C is to the right of B. D is to the right of C. Who is at extreme left?

- (a) A
- (b) B
- (c) C
- (d) D

Answer: (a) A

Q. A walks 5km East, then 3km North. He is ___ km from start (straight line)

- (a) 8
- (b) $\sqrt{34}$
- (c) $\sqrt{24}$
- (d) $\sqrt{16}$

Answer: (b) $\sqrt{34}$

Q. January 1, 2000 was Saturday. What day was January 1, 2001?

- (a) Sunday
- (b) Monday
- (c) Tuesday
- (d) Wednesday

Answer: (b) Monday

Q. A is father of B. B is sister of C. C is wife of D. How is D related to A?

- (a) Son
- (b) Son-in-law
- (c) Brother-in-law
- (d) Nephew

Answer: (b) Son-in-law