



## Puzzle Reasoning

### Question 1:

**Direction:** Study the following information carefully and answer the given question.

There are eight people A, B, C, D, E, F, G, and H sitting around a circular table facing towards the centre (not necessarily in the same order). C is sitting second to the right of G. E is sitting immediately to the left of A who is facing C. D is sitting between A and G, B is sitting fourth to the left of G who is sitting immediately to the left of H.

Who is sitting fifth to the right of H?

### Solution:

According to the statement:

1. C is sitting second to the right of G
2. A who is facing C.
3. E is sitting immediate left of A.
4. D is sitting between A and G.
5. G is immediate left of H.
6. B is sitting fourth to the left of G.

So, A is sitting fifth to the right of H.

### Question 2:

**Direction:** Study the following information carefully and answer the given question.

There are eight persons P, Q, R, S, T, U, V and W sitting in a row(not necessarily in the same order) and facing east. T is sitting fourth to the right of Q. V is sitting third from the right end of the row. Q is sitting between U and W who is sitting third to the left of T who is sitting at a corner. P is sitting immediate left of U. R is sitting at the left corner of the row.

How many people sit to the right of W?

### Solution:

1. V is sitting third from the right end of the row.
2. R is sitting at the left corner of the row.
3. T who is sitting at a corner.
4. T is sitting fourth to the right of Q.
5. Q is sitting between U and W.
6. P is sitting immediate left of U.

So, there are three people sitting to the right of W.

**Question 3:**

Direction: Study the following information carefully and answer the given question.

There are eight people F, G, H, I, J, K, L, and M sitting around the square table (not necessarily in the same order) and facing inside the table.

L is sitting fifth to the left of F, who is an immediate neighbor of J. M is sitting second to the left of K, who is third to the right of L. I is not an immediate neighbor of K and M. G is sitting fourth to the left of I.

What is the position of K with the respect of H?

**Solution:**

According to the statement:

1. L is sitting fifth to the left of F.
2. K who is third to the right of L.
3. M is sitting second to the left of K.
4. It is not an immediate neighbor of K and M. So, I is placed at right of F because if I placed at left of L then (G is sitting fourth to the left of I) this statement can't be true.
5. F who is an immediate neighbor of J.
6. G is sitting fourth to the left of I.
7. F who is an immediate neighbor of J. And, H is sitting in the remaining place.

So, K is sitting Fourth to the left/right of H.

**Question 4:**

Direction: Study the following information carefully and answer the given question.

Eight friends Ankit, Abhi, Akshay, Arjun, Arav, Anmol, Ankush and Atul live on different floors of an eight floors building, Ground floor is numbered as 1 and the topmost floor is numbered as 8. One person lives on each floor but not necessarily in the same order.

Atul lives on an odd-numbered floor but not on the bottom floor. Two friends live between Atul and Ankit. Ankit lives above the floor on which Atul lives. Three friends live between Akshay and Arjun. Arjun lives on an even-numbered floor. Arav lives just below Arjun. Arav lives on one of the floors above Abhi. Ankush lives above Anmol but below Abhi.

The number of floors above Ankit is the same as the number of floors below \_\_\_\_\_?



**Solution:**

- 1) Atul lives on an odd-numbered floor but not on the bottom floor.
- 2) Two friends live between Atul and Ankit.
- 3) Ankit lives above the floor on which Atul lives.
- 4) Three friends live between Akshay and Arjun.
- 5) Arjun lives on an even-numbered floor.
- 6) Arav lives just below Arjun.
- 7) Arav lives on one of the floors above Abhi. (This eliminates case 2)
- 8) Ankush lives above Anmol but below Abhi.

Hence, there will be two floors on which Atul lives.

**Question 5:**

**Direction:** Study the following information carefully and answer the given question.

P, R, T, V, X, Y, and Z are seven different people who belong to different cities, Delhi, Mumbai, Pune, Chennai, Bengaluru, Jaipur, and Surat, not necessarily in the same order. P is not from Chennai. V is neither from Surat nor from Bengaluru. Either X or T is from Delhi. Y is from Mumbai. R is not from Bengaluru. V is neither from Pune nor from Chennai. Z is either from Surat or Bengaluru. T is not from Chennai. R is neither from Pune nor from Chennai.

Which city does R belong to?

**Solution:**

Seven People: P, R, T, V, X, Y, and Z.

Cities' Name: Delhi, Mumbai, Pune, Chennai, Bengaluru, Jaipur, and Surat

Note: All the information is not necessarily in the same order.

1. P is not from Chennai.
2. V is neither from Surat nor from Bengaluru.
3. Either X or T is from Delhi.
4. Y is from Mumbai.
5. R is not from Bengaluru.
6. V is neither from Pune nor from Chennai.
7. Z is either from Surat or Bengaluru.
8. T is not from Chennai.
9. R is neither from Pune nor from Chennai.

Hence, we get that X is from Chennai and T is from Delhi so P is from Pune and Z is from Bengaluru.