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# Direction Sense Questions for RBI Assistant Pre, IBPS Clerk Pre, SBI Clerk Pre and LIC Assistant Pre Exams.

## Direction Sense Quiz 32

**Directions:** Read the following information carefully and answer the questions given beside.

Some chairs were placed in a park as per the manner described here. Chair B was 24m to the west of Chair A, which is 12m to the south of Chair E. Chair D was 10m to the east of Chair H. Chair C was 7m to the north of Chair H. Chair L was 15m to the north of Chair B, which is towards the south of Chair D. Chair F was 7m to the north of Chair E. Chair D and Chair E were placed in a straight horizontal line.

**1. Chair C is how much far (shortest) and in which direction from Chair F?**

- A. 30m, North-West    B. 27m, East    C. 34m, West    D. 24m, East    E. None of these

**2. What is the position of Chair L with respect to Chair C?**

- A. North-west    B. South-east    C. South-west    D. South    E. Can't be determined

**3. Find the odd one out?**

- A. A-E    B. B-D    C. D-L    D. H-C    E. F-B

**4. What is the shortest distance between Chairs F and D?**

- A. 22m    B. 25 m    C. 28 m    D. Can't be determined    E. None of these

**5. Which of the following chair/s is/are placed towards the north-east of Chair H?**

- A. L    B. E    C. F    D. Both L and F    E. All the above

**Correct Answers:**

1	2	3	4	5
C	B	E	B	D



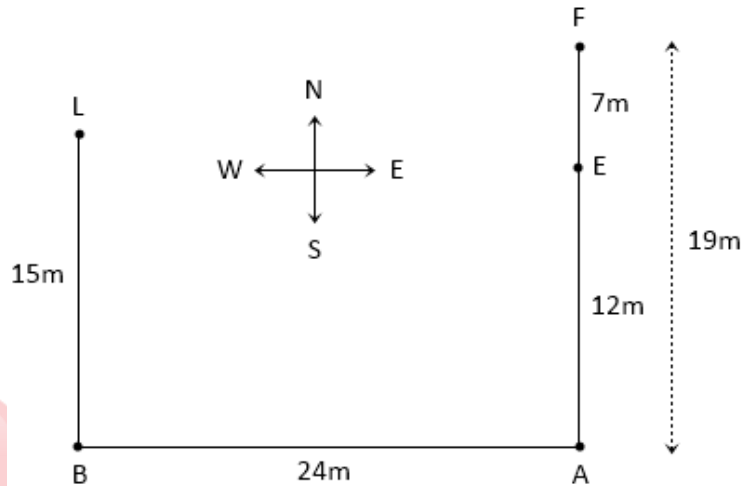
## Common explanations.

### Reference:

Chair B was 24m to the west of Chair A, which is 12m to the south of Chair E. Chair L was 15m to the north of Chair B, which is towards the south of Chair D. Chair F was 7m to the north of Chair E.

### Inference:

We will make a mental note of the hint that Chair B is to the south of Chair D. Following image can be prepared with the given hints.



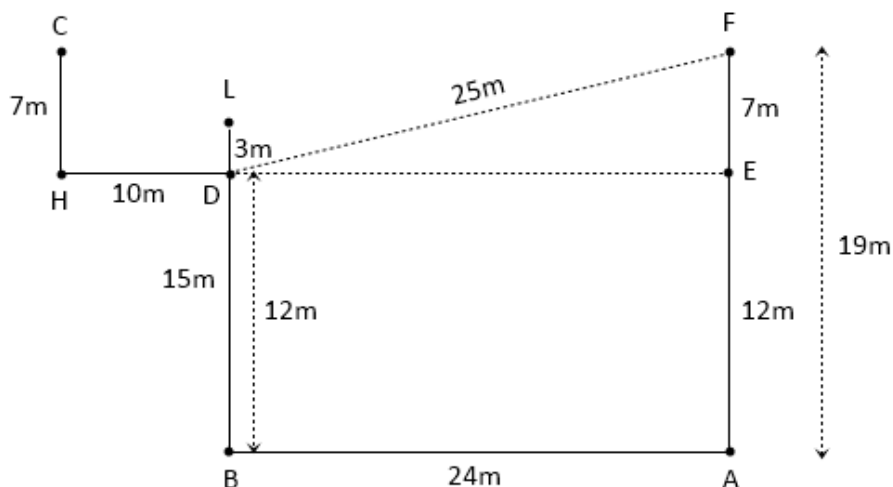
### Reference:

Chair D was 10m to the east of Chair H. Chair C was 7m to the north of Chair H. Chair D and Chair E were placed in a straight horizontal line.

### Inference:

After combining the fact that Chair B is in the south of Chair D and third hint it is clear that Chair D was placed 3m to the south of Chair L.

Following image can be prepared with the given hints.



## Answers.

1. Chair C is 34m to the west of Chair F.

Hence option C is correct.

2. Chair L is in South-east of Chair C.

Hence option B is correct.

3. F-B is the odd one out because the common thing among rest chairs is that the second chair is in the North of the first chair.

Hence option E is correct.

4. If we draw a imaginary line connecting F and D, the shortest distance would be FD.

Now, in triangle FDE, FE = 7m and DE = 24 (equals to BA)

$$(FD)^2 = \sqrt{(FE^2 + DE^2)}$$

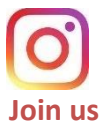
$$= \sqrt{(49 + 576)} = \sqrt{625}m$$

The shortest distance between Chairs F and D is 25m.

Hence option B is correct.

5. Chairs L and F both are placed towards the north-east of Chair H.

Hence option D is correct.







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