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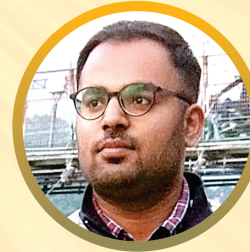
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Direction Sense Questions for RBI Assistant Pre, IBPS Clerk Pre, SBI Clerk Pre and LIC Assistant Pre Exams.

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



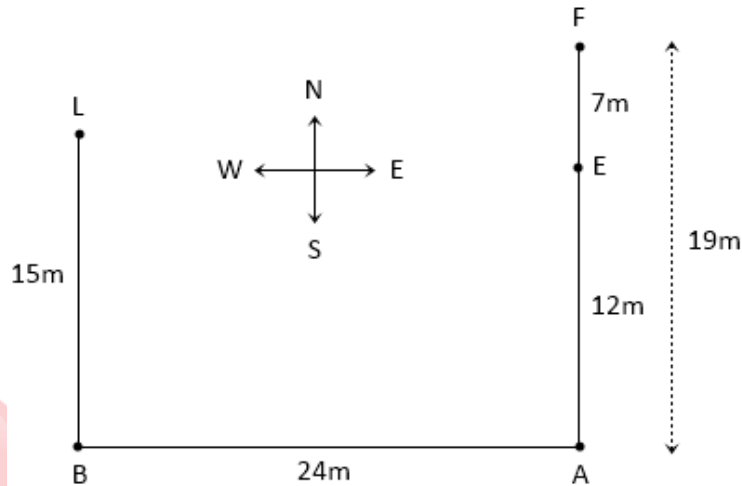
Common explanations.

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.



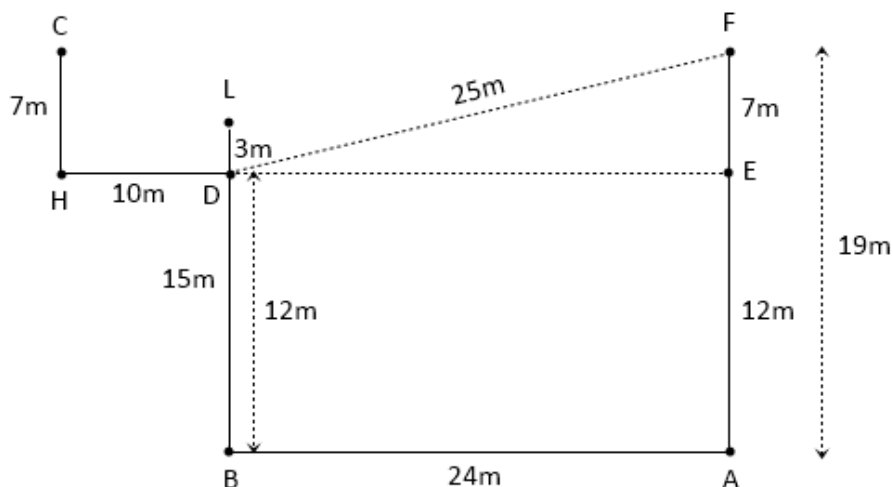
Reference:

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)

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

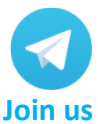
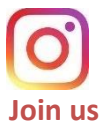
$$= \sqrt{49 + 576} = \sqrt{625}m$$

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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