

DIRECTIONS

Devi started from point A in North direction. After walking for 5 m she turned to her left and walked 6 m. Now she turned to her left and walked 4 m after which she turned to her left again. Now she walked 5 m and turned to her right and walked 15 m. Now finally she turned to her left. Which direction is she heading?

Options:
1) North
2) East
3) South
4) West

Handwritten solution on the board:

1) North (circled)
2) East (circled)
3) South (circled)
4) West (circled)

Handwritten notes:
→ Add
→ Cancel

Handwritten calculation:
 $L, L, L, R, L = 3L$

Handwritten diagram:
A path diagram showing a series of turns and distances: 5m North, 6m West, 4m South, 5m East, 15m South. The final direction is indicated by an arrow pointing South.

Handwritten compass rose:
A compass rose showing North (N), South (S), East (E), and West (W) with 90-degree angles marked.

Handwritten answer:
270° L (circled)

Facing to the South Mr. Ram turns in certain ways, which of the following turns will not lead him to the same side?

- 1) left, left, right, left, left, right
- 2) left, left, left, right, right, right
- 3) left, right, left, right, left, right
- 4) right, left, right, left, right, left

The diagram on the chalkboard shows a compass rose with North (N) and South (S) directions. A green arrow points from South towards the left, with the label '2L' and 'O' written next to it. Below the arrow, the sequence of turns 'L, L, R, L, L, R' is written in yellow.

- 1) left, left, right, left, left, right
- 2) left, left, left, right, right, right
- 3) left, right, left, right, left, right
- 4) right, left, right, left, right, left

DIRECTIONS
BASIC LEVEL TO HIGH LEVEL

10. A is to the south – East of C, B is to the East of C and North – East of A. if D is to the North of A and North – West of B, in which direction of C is D located?

1) North – West

2) South – West

3) North – East

4) South – East

5) None

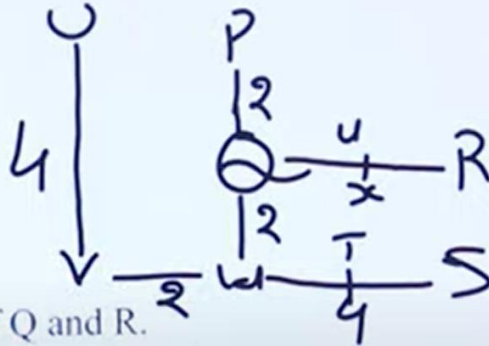


NOW

DIRECTIONS **BASIC LEVEL TO HIGH LEVEL**

Nine BIKES P, Q, R, S, T, U, V, W and X are parked such that:

- (1) R is 4 km east of Q.
- (2) P is 2 km north of Q.
- (3) W is 4 km south of P.
- (4) V is 2 km west of W.
- (5) S is 6 km east of V.
- (6) U is 4 km north of V.
- (7) X is parked in the middle of Q and R.
- (8) T is parked in the middle of W and S.



NOW

BASIC LEVEL TO HIGH LEVEL

12. What is the distance between W and S?

- A. 6 km. ~~B. 4 km.~~ C. 3 km.
D. 2 km. E. 5 km.

13. What is the direction of Q with respect to W?

- A. East B. West C. South
D. North E. Cannot be determined

14. What is the distance between U and W?

- A. 20 km B. $\sqrt{28}$ km C. $\sqrt{20}$ km D. $3\frac{4}{5}$ km
E. Cannot be determined

BASIC LEVEL TO HIGH

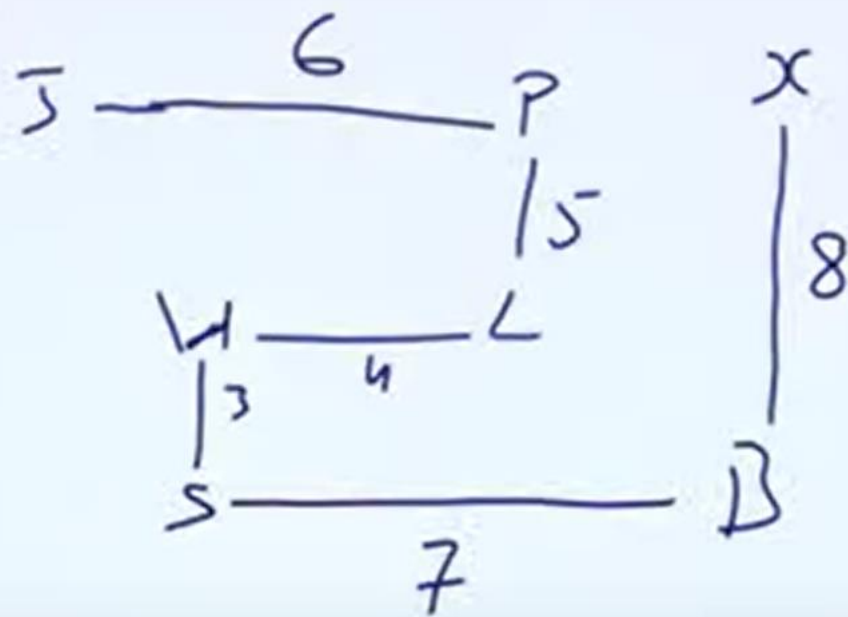
Study the following information carefully
and answer the
questions given below

A2@B means A is 2 meters west of B

A1#B means A is 1 meters south of B

A5%B means A is 5 north of B

W 4@ L; S 3 #W; S @ 7 B; X 8 % B;
J 6 @P; P 5 %L.



15: Which of the three points lie in a straight line?

- a) J, S, W b) B, S, W c) B, L, X
d) J, P, X e) L, S, W

16: Point J is in which direction with respect to point L?

- a) North-West b) North c) South-East
d) North-East e) East