

Directional Sense

1. Geeta is facing towards West and turns 45 degrees clockwise, again 180 degree clockwise and then turns 270 degrees anti-clockwise. In which direction is Geeta facing now?

- North-west
- South
- North
- South-West

Ans: South-west

2. To reach at a certain point, a man took help of map where directions were written in the form:

- Ax B =A is to the south of B;
- A%B=A is to the east of B
- A+B=A is to the north of B
- A-B=A is to the west of B

then help him code the direction written as P% Q+R-S to reach his destination?

- West
- south-East
- East
- North-West

Ans South-East

3. A snake was moving from point A to point B in the east direction. The distance between A and B was 10 ft. The snake turned to his right and moved 3ft. He coiled up there for 4hours and started moving in a right direction for about 14ft. How far is he from point A?

- 25 ft
- 5ft
- 6ft
- 3ft

Ans: 5ft

4. Four people P, Q, R and S working in the same company lives in the same locality. C's house is in the east of P's house but south of R's house. The house of R is in the west direction of S's house. What is the direction of S house in relation to P's house?

- North-East
- North-West
- East
- South

Ans: North-East

5. Nikhil wants to reach theater to watch a movie. He started walking in east directions. He reached a crossing whose left turn leads to the theater and a right turn leads to university. If he walks straight, he might reach to hospital. Find out in which direction is the university.

- South
- North
- East
- West

6. At the time of sunrise, Shefali and Niti were talking to each other. If Shefali's shadow was to the left of Niti, which direction is Shefali facing?

- North
- West
- South
- East

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7. Amit covered a distance of 8 km in the north from point A and reached point B. Then he turned left and covered a distance of 6 km and reached point C. What is the shortest distance now from point A to C?

- 20
- 10
- 5
- 16

Ans: 10

8. Nidhi is walking in North direction. She turns 155 degrees in anti clock direction and then turns 200 degrees in clockwise direction. In which direction is she facing now?

- North
- North-East
- South-West
- cannot be determined

Ans: North-East

9. Riya starts walking from the railway station towards her home. She walks 5m in the east and turned towards left and walks 2m. She turned left and walked 4m, then she turns to her right and walks 3m, again she turns left and walks 1m and then turns to her left and walks 4m. She again turns to her right and walks 10m. At last, she turns right and walks 3m and reaches home. in what direction is the railway station with respect to her home, if Riya's home is facing the North?

- North-East
- North-west
- South-East
- South-West

Ans: North-West

10 If Arohi is to the south of Bital and Chetna is to the east of Bital, in what direction is Arohi with respect to Chetna?

- East
- West
- South East
- South-West

Ans: South-West

Section 2: -

1. Radhika walked 8 km towards east. She turned towards her right and walked 6 km. What is the shortest distance from the starting point to the end point?

- 8 km
- 11 km
- 12 km
- 10 km

Ans: 10KM

2. Sheela started walking in North direction to reach a Shop A. Later she realized that the shop is in 155 degree in anti-clock direction. Again it was found that she is in wrong direction, so she took a 200 degree turn in clock wise direction. Which direction is she facing now?

- South-East
- South-West
- North-West
- North-East

Ans: North-East

3. Ajay started his journey from point A. He walked a distance of 4kms in North and then turned right and covered a distance of 3kms. He reached point B. Find the shortest distance from point A to reach point B?

- 10 km
- 5km
- 6km
- 8km

Ans: 5km

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4. One morning Fatima and Somya were talking to each other face to face at a crossing. If Somya's shadow was exactly to the left of Fatima, which direction was Fatima facing?

North	East
South	West

Ans: North

5. Chandler swim towards North for 15m. From there he turns left and swims another 10m. He stopped there and relaxed for 5 minutes. Now he turns right and swims 10m more. He again turns right and swims 30m. Which direction is he from starting point?

North-west	East
North-east	West

Ans: North-east

6. At the time of sunrise Luaa and Preeti were talking to each other face to face. The shadow of Preeti was right to Luaa. Find the direction in which Luaa was facing?

North	East
South	West

Ans: North

7. Kareena is looking in the North direction. She moves 20m and turns 270° anti-clockwise and moves 30m. Now, she again turns 45° clockwise in right direction and moves 20m. Find the direction she is facing now?

North-west	South-east
South west	North-east

Ans: South-East

8. The city N is West of B. City A is East of N but west of B. City J is east of I but west of A and N. Find out which city is the farthest towards west direction?

N	I
A	J

Ans: J

9. If Riya is north to Siya and Piya is south to Siya. Find the direction of Riya with respect to Piya?

North	East
South	West

Ans: North

10. Jaya is facing in North direction. She turn 90° in clockwise and then 180° in anti-clockwise direction. Find the direction in which she is facing right now?

North	East
South	West

Ans: West

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1. I am moving towards south. I walk 2 km and then I turn 30 anti-clock wise and walk for 15km. Now I turn 285° clock wise and walk 3 km. Then I again turn 15° clock wise and walk 0.5 km. Which direction is opposite to the direction I am facing?

East
South West

West
North East
 2. Monika from point O walked 30 m towards east to reach point A. She turns left and walked 10 m to reach point B. Now, she takes a left turn and walked 60 m to reach point C. At last, she turns left and walked for 10 m to reach point D. How far Monika is from point O to D?

30 m
10 m

35 m
40 m

Ans: 30m
 3. If the direction changes and North-East becomes south and South-East becomes west and other direction also change, then what will the direction of South West?

North-West
South-West

South
North

Ans: North
 4. A clock when strikes 8:00 pm its minute hand points in east direction. What would be the direction of the minute hand when the clock strikes 11.15?

West
East

South
North

Ans: North
 5. Nidhi is in the right of Nikhil. Nikhil is in the North of Abhi. If Jyoti is in the South of Abhi, then in which direction is Jyoti with respect to Nidhi?

North-west
East

South-west
North-east

Ans: South-West
 6. Eshan is facing in the south direction. He turns 60 in anti-clockwise and from there he turned 120° in clockwise. In which direction is he facing?

North-west
East

South-west
North-east

Ans: South -West
 7. Two friends Yug and Jatin are standing at a distance of 30m in west and east direction respectively. Now Yug and Jatin started walking in north and south direction respectively. Both of them walked for 10m. Now they took a right turn and walked 12m each. At last, both took left turn and walked 5m. Find the distance between Yug and Jatin?

15m
20m

30m
None of the above

Ans: 30m
 8. To reach at a point P. Vicky followed a map where directions were given to reach at a point P. He was standing in North direction. The first direction indicated to move towards right. From there he needs to take a left turn. After walking few steps he needs to take a two rights one after the other. Finally he reached to point P. What is the direction of point P.

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North East
South West
Ans South

9. My current direction is east. To reach point A I have to walk 20 m in right direction. To reach point B I need to walk 20m left. To reach point C, I need to walk 20m towards right. Now Point D is 40 m far in right direction. To reach point E. I have to walk 20 m in right direction. Find out my direction with respect to my original position.

North East
South West
Ans West

10. Five friends live close to each other. Eshan lives to the east of Fahad, Gunjan lives to the north of Eshan, Ishita lives to the south of Fahad and Heena is lives to the west of Ishita. What is the position of Gunjan with respect to Heena?

North-East East
South-West West
Ans North-East

1. Karan llves 20 m south-west of Luaa. Mohan llves 20 m south-east of Luaa, then find the direction of Mohan with respect to Karan.

North East
South West
Ans East

2. Salman crossed English Channel. He started from point A to reach point E. He started swimming in North direction and swan for 2 km. Then he turns to East and swam for 10 km. After this he swan in North direction for 3 km. At last, he turns towards East and swam for 2 km and finally reached point E. Find the shortest distance to reach point E from point A?

14 13
10 11
Ans 13

3. Four girls are sitting in three different rows. All the girls are facing in North direction. Shreya is sitting in the second row. Pallavi is sitting right to Shreya. Note, they are sitting in the same row. Qyra is sitting at the back of Pallavi while Riya is sitting in front of Shreya. In which direction of Riya is Qyra?

North South
South East North East
Ans South East

4. Rohan is west of Shruti. Aman is sitting next to Saloni. Saloni is at the extreme east of the row. Neha is east of Shruti. All are facing towards North. What is the direction of Shruti with respect to Aman?

North South
East West
Ans West

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5. XY means X is to the south of Y
X+Y means X is to the north of Y
X% Y means X is to the east of Y
X-Y means X is to the west of Y;
then in P% QR-S, S is in which direction with respect to Q?
North west South east
North East South West

Ans South East
6. Divya drives her car 4 km towards East. She takes a turn towards left and drives 5 km.
Again she drives towards right direction about 10 km. At last she drives right 5 km.
How far is she from the starting point?
13 km 24 km
14 km 6 km

Ans 14 km
7. River Q flows in the North direction of the river P. The river R is flowing to the right of
river Q. River S is to the left of the river P. In which direction is the river S with
respect to river R?
North west North East
South east South West

Ans South West
8. If village A is to the south of village B and village C is to the east of village B, in what
direction is village A with respect to village C?
North west South west
North East South east

Ans South West
9. Rakesh moves towards North, then turns to his right and then again right and then
finally to the left direction. In which direction is he moving now?
West South
East North

Ans East
10. Aman was walking 20m towards East. He started running towards right for about
10m and suddenly turns to right. He walked for about 10m and again turned to left.
He took a cab which drooped him around 5m away and then turns to left runs 12m.
At last, he turns to left and walks 5m .Find out in which direction is he facing now?
West South
East North

Ans North

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