



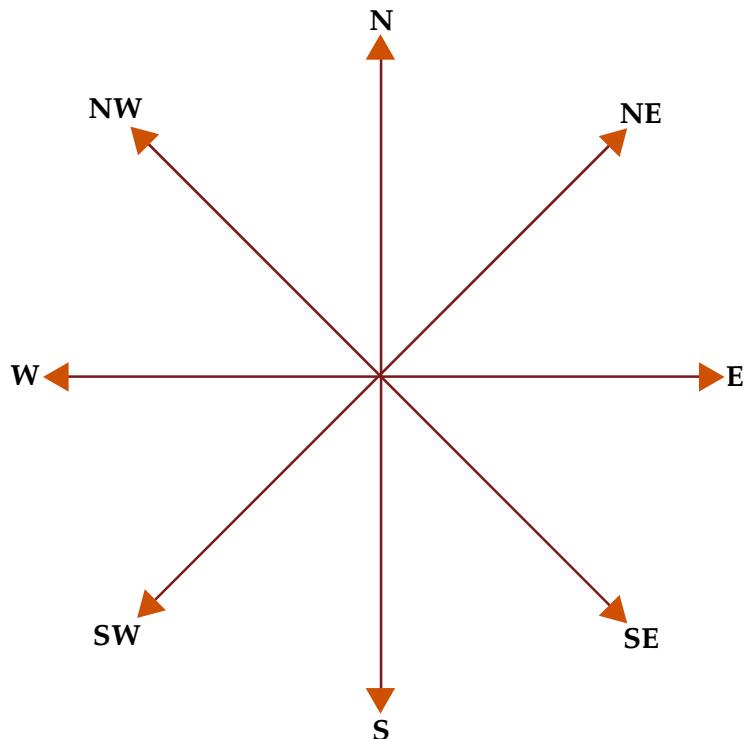
DIRECTION SENSE TEST



INTRODUCTION

After reading this chapter, students will be able to understand:

- ◆ In this test, the questions consist of a sort of direction puzzle. A successive follow-up of direction is formulated and the student is required to ascertain the final direction. The test is meant to judge the ability to trace and follow correctly and sense the direction correctly.
- ◆ The adjoining figure shows the four main directions (North N, South S, East E, and West W) and four cardinal directions (North East (NE), North West (NW), South East (SE), South West (SW)) to help the students know the directions.



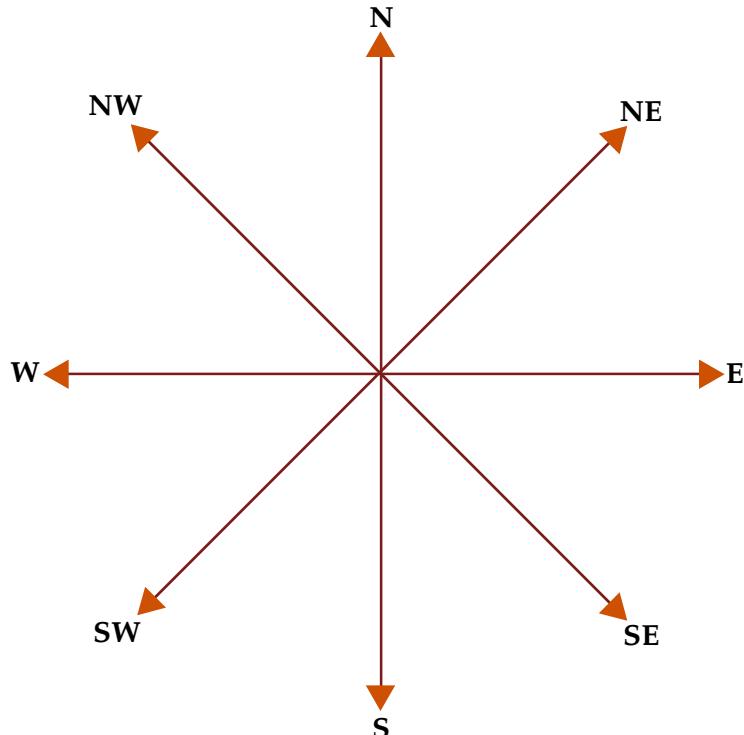
Always Remember:

Direction mentioned (given)	Direction indicated
Left + left	Down
Left + right	Up
Right + left	Up
Right + right	Down
Up + left	Left
Up + right	Right
Down + left	Right
Down + right	Left

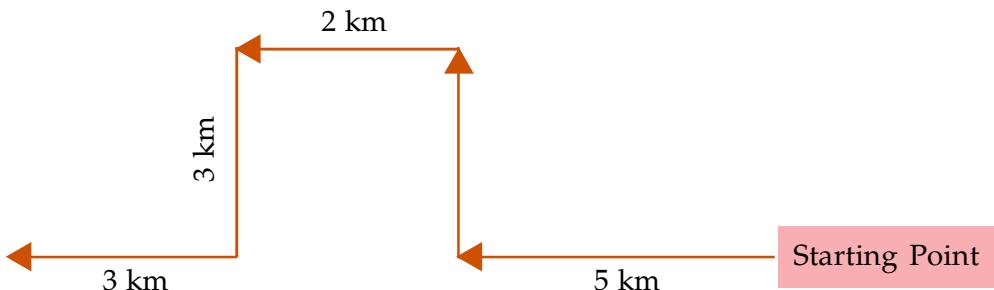
Examples:

Explanation: (a) The diagram given below helpful solving the questions and Direction Test.

South.



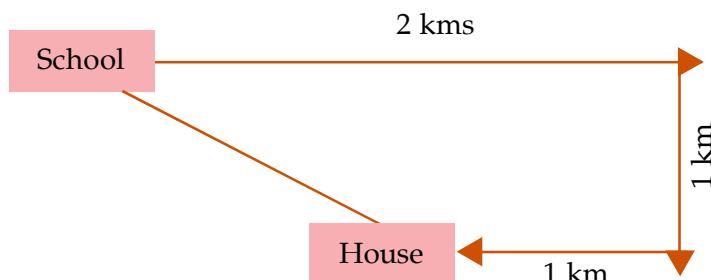
Explanation



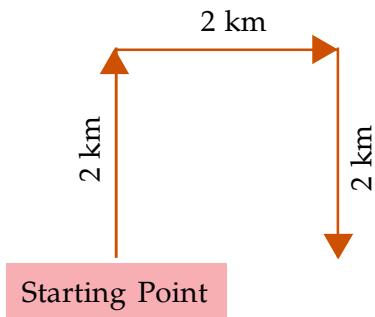
It's clear from the diagram Ramu is to the West of his house.

3. Gopal started walking 2 kms straight from his school. Then he turned right and walked 1 km. Again he turned right and walked 1 km to reach his house. If his house is south-east from his school, then in which direction did Gopal start walking from the school?

Explanation

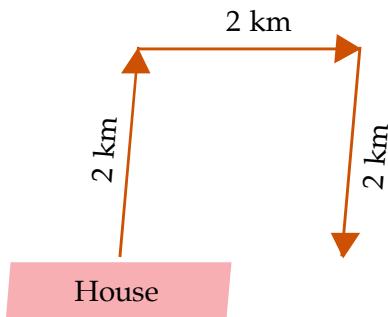


From the diagram that Gopal Started walking towards East from the school.

Explanation:

Based on the diagram the person facing towards south.

5. Janki started from her house and walked 2 km towards North. Then she took a right turn and covered one kilometre. Then she took again a right turn and walked for 2 kms. In what direction is she going?
- | | |
|-----------|----------|
| (a) North | (b) East |
| (c) South | (d) West |

Explanation:

Based on the diagram; it's clear that Janki is going towards South.



EXERCISE – 10(A)

(Note: Questions are taken from previous exam questions papers of Competitive exams like SSC, RRB, MAT, UPSC etc.)

Choose the appropriate answer (a) or (b) or (c) or (d)

9. From her home Prema wishes to go to school. From home she goes towards North and then turns left and then turns right, and finally she turns left and reaches school. In which direction her school is situated with respect to her home?
- (a) North-East (b) North-West (c) South-East (d) South-West
10. A child walks 25 feet towards North, turns right and walks 40 feet, turns right again and walks 45 feet. He then turns left and walks 20 feet. He turns left again walks 20 feet. Finally, he turns to his left to walks another 20 feet. In which direction is the child from his starting point?
- (a) North (b) South (c) West (d) East
11. Raju facing North and moves 20 kms, then he turned to his right and moves 20 kms and then he moves 10 kms in North-East, then he turned to his right and moves 20 kms and then he turned to his right and moves 20 kms and again he turned to his left and moves 20 kms. Now in which direction Raju is facing?
- (a) South-East (b) North-East (c) South-West (d) North-West
12. K is a place which is located 2 kms away in the north-west direction from the capital P. R is another place that is located 2 kms away in the south-west direction from K. M is another place and that is located 2 kms away in the north-west direction from R. T is yet another place that is located 2 kms away in the south-west direction from M. In which direction is T located in relation to P?
- (a) South-West (b) North-West (c) West (d) North
13. Babu is Rahim's neighbour and his house is 200 meters away in the north-west direction. Joseph is Rahim's neighbour and his house is located 200 meter away in the south-west direction. Gopal is Joseph's neighbour and he stays 200 meters away in the south-east direction. Roy is Gopal's neighbour and his house is located 200 meters away in the north-east direction. Then where is the position of Roys' house in relation to Babu's ?
- (a) South-East (b) South-West (c) North (d) North-East
14. A tourist drives 10 km towards west and turns to left and takes a drive of another 4 km. He then drives towards east another 4 km and then turns to his right and drives 5 km . Afterwards he turns to his left and travels 6 km. In which direction is he from the starting point?
- (a) North (b) East (c) West (d) South
15. A man started walking West. He turned right, then right again and finally turned left. Towards which direction was he walking now?
- (a) North (b) South (c) West (d) East
16. One evening, Raja started to walk toward the Sun. After walking a while, he turned to

his right and again to his right. After walking a while, he again turned right. In which direction is he facing?

- | | | | |
|--|------------------|-------------------|-------------------|
| (a) South | (b) East | (c) West | (d) North |
| 17. Five boys A, B, C, D and E are sitting in a park in a circle. A is facing South-West, D is facing South-East, B and E are right opposite A and D respectively and C is equidistant between D and B. Which direction is C facing? | | | |
| (a) West | (b) South | (c) North | (d) East |
| 18. If a man on a moped starts from a point and rides 4 kms South then turns left and rides 2 kms and turn again to the right to ride to go more towards which direction is he moving ? | | | |
| (a) North | (b) West | (c) East | (d) South |
| 19. A man starts from a point, walk 8 kms towards North, turns right and walks 12 kms, turns left and walks 7 km turns and walks 20 kms towards South, turns right and walks 12 kms. In which direction is he from the starting point? | | | |
| (a) North | (b) South | (c) West | (d) East |
| 20. Daily in the morning the shadow of Gol Gumbaz falls on Bara Kaman and in the evening the shadow of Bara Kaman falls on Gol Gumbaz exactly. So in which direction is Gol Gumbaz to Bara Kaman? | | | |
| (a) Eastern side | (b) Western side | (c) Northern side | (d) Southern side |
| 21. Ashok went 8 kms South and turned West and walked 3 kms again he turned North and walked 5 kms. He took a final turn to East and walked 3 kms. In which direction was Ashok from the starting point? | | | |
| (a) East | (b) North | (c) West | (d) South |
| 22. If X stands on his head with his face towards south, to which direction will his left hand point ? | | | |
| (a) East | (b) West | (c) North | (d) South |
| 23. I drove East for 5 miles then drove North 3 miles, then turned to my left and drove for 2 miles and again turned to my left. Which direction am I going now? | | | |
| (a) South | (b) North | (c) West | (d) North-west |
| 24. If A stands on his head with his face towards north. In which direction will his left hand point ? | | | |
| (a) North-East | (b) North | (c) East | (d) North-West |
| 25. A car travelling from south covers a distance of 8 kms, then turns right and runs another 9 kms and again turns to the right and was stopped. Which direction does it face now? | | | |
| (a) South | (b) North | (c) West | (d) East |

which direction would he be now from his starting point.

- | | | | |
|---|----------------|----------------|----------------|
| (a) North | (b) South | (c) East | (d) West |
| 36. I started walking down a road in the morning facing the Sun. After walking for sometime I turned to my left. Then I turned to my right. In which direction was I going then ? | | | |
| (a) East | (b) West | (c) North | (d) South |
| 37. Lakshmi walked 2 kms north from her house and took a turn to left and continued to walk another one kilometre and finally she turned left and reached the school. Which direction is she facing now? | | | |
| (a) West | (b) North | (c) South | (d) North |
| 38. You are going straight, first eastwards, then turn to the right, then right again, then left. In which direction would you be going now? | | | |
| (a) East | (b) West | (c) South | (d) North |
| 39. If Ahmed travels towards North from his house, then to left, then to South covering equal distances in each direction to reach Sohan's house, in which direction is Ahmed's house now? | | | |
| (a) East | (b) South | (c) North | (d) West |
| 40. Raja comes towards North, turn right, then right again and then go to the left. In which direction is Raja now? | | | |
| (a) South | (b) East | (c) West | (d) North |
| 41. Roopa starts from a point and walks 15 metres towards west, turns left and walks 12 metres, turns right again and walks. What is the direction she is now facing? | | | |
| (a) South | (b) West | (c) East | (d) North |
| 42. A man starts his journey facing the sun early morning. He then turns right and walks 2 kms. He then walks 3 kms after turning right again. Which is the direction he is facing now? | | | |
| (a) North-East | (b) North | (c) West | (d) South |
| 43. Roy walks 2 kms to East, then turns North-West and walks 3 kms. Then he turns South and walks 5 kms. Then again he turns West and walks 2 kms. Finally he turns North and walks 6 kms. In which direction, is he from the starting point? | | | |
| (a) South-West | (b) South-East | (c) North-West | (d) North-East |
| 44. Seeta starts from a point, walks 2 kms towards north, turns towards her right and walks 2 kms, turns right again and walks. What is the direction she is facing now? | | | |
| (a) East | (b) West | (c) South | (d) North |

ANSWERS: EXERCISE 10(A)

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|---------|---------|---------|---------|---------|
| 1. (c) | 2. (d) | 3. (b) | 4. (c) | 5. (b) |
| 6. (b) | 7. (b) | 8. (c) | 9. (b) | 10. (d) |
| 11. (a) | 12. (c) | 13. (a) | 14. (d) | 15. (a) |
| 16. (d) | 17. (a) | 18. (d) | 19. (b) | 20. (a) |
| 21. (d) | 22. (b) | 23. (a) | 24. (c) | 25. (a) |
| 26. (b) | 27. (b) | 28. (a) | 29. (b) | 30. (b) |
| 31. (b) | 32. (a) | 33. (c) | 34. (c) | 35. (a) |
| 36. (a) | 37. (c) | 38. (c) | 39. (a) | 40. (b) |
| 41. (b) | 42. (c) | 43. (c) | 44. (c) | 45. (a) |
| 46. (b) | 47. (a) | 48. (b) | 49. (b) | 50. (b) |
| 51. (b) | 52. (c) | 53. (c) | 54. (b) | |

