

**Questions:**

**Q1.** A watch reads 4:30. If the minute hand points East, in what direction will the hour hand point?

**Q2.** A walks 10 metres in front and 10 metres to the right. Then every time turning to his left, he walks 5, 15, and 15 metres respectively. How far is he now from his starting point?

**Q3.** A man walks 1 km towards East and then he turns to South and walks 5 kms. Again he turns to East and walks 2 kms, after this he turns to North and walks 9 kms. Now, how far is he from his starting point?

**Q4.** Mahesh walks 20 metres towards North. He then turns left and walks 40 metres. He again turns left and walks 20 metres. Further, he moves 20 metres after turning to the right. How far is he from his original position?

**Q5.** While facing East, Rohit turns to his left and walks 10 metres, then he turns left and walks 10 metres. Now he turns  $45^\circ$  towards his right and goes straight to cover 25 metres. In which direction is he from his starting point?

**Q6.** I start from my home and go 2 km straight. Then, I turn towards my right and go 1 km. I turn again towards my right and go 1 km again. If I am north-west from my house, then in which direction did I go in the beginning?

**Q7.** Sunita's school bus is facing North when it reaches her school. After starting from Sunita's house, it turns right twice and then left before reaching the school. What direction was the bus facing when it left the bus stop in front of Sunit's house?

**Q8.** Two buses start from opposite points on a main road, 120 km apart. The first bus X runs 25 km and takes a right turn and then runs for 15 kms. It then turns left and runs for another 25 kms and takes the direction back to reach the main road. In the meantime, due to minor breakdown, the other bus Y has run only 35 kms along the main road. What would be the distance between the two buses at this point?

**Answers:**

Ans1) North-East (NE)

Ans2) 5 metres

Ans3) 5 km

Ans4) 60 metres

Ans5) North-West

Ans6) West

Ans7) West

Ans8) 35 km