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DIRECTIONS

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Intended Learning Outcomes:

By the end of this session, students will be able to:

1. Understand the directions.
2. Solve the questions based on directions.

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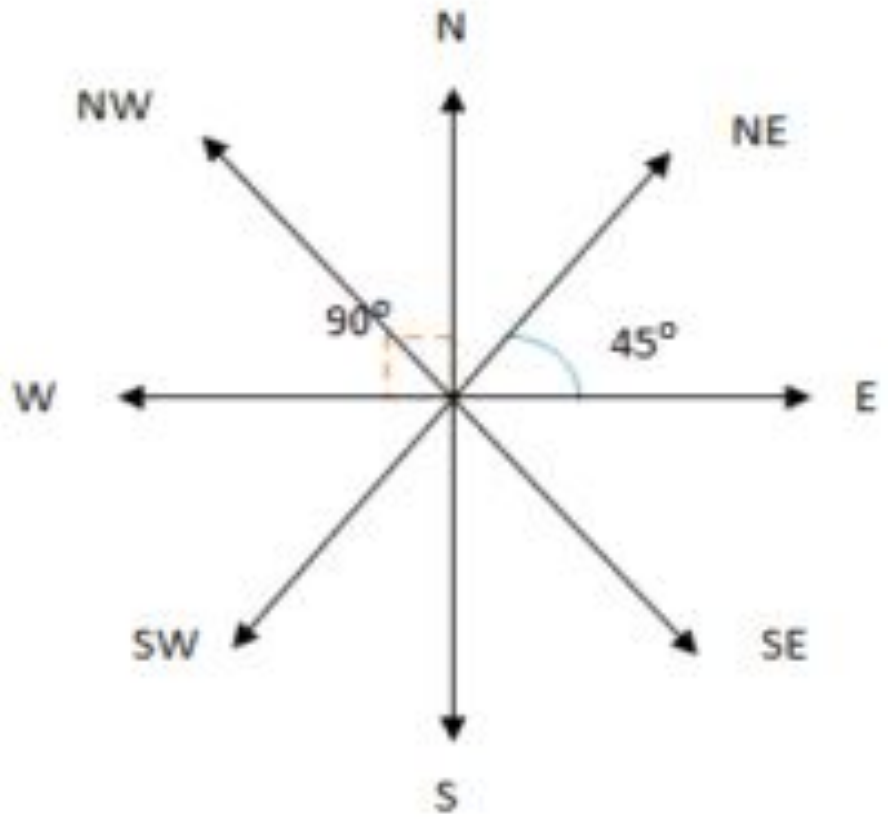
Directions



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A person moves towards the North, then turns to his right, then turns to his right, and then turns to his left. In which direction is he travelling now?

A man walks 5 km towards South and then turns to his right. After walking 3 km he turns to his left and walks 5 km. Now in which direction is he with respect to the starting place?

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Ram is facing towards West. He takes a right turn and walks 20 m. He then again turns right and walks 10 m. From there he walks 10 m towards North and then 10 m towards West. In which direction is he with respect to the initial position?

If South-West becomes South-East, East becomes North and so on. What will West become?

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Ramesh left his home and travelled towards East and turned to his left after travelling 10 kilometers. Then he travelled 20 kilometers before turning to his right then he travelled 10 kilometers and turned towards his right and travelled 5 kilometers. How far is he from his home?

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A man is facing towards West. He turns 45 degrees in the clockwise direction and then another 180 degrees in the same direction. Now he turns 270 degrees in the anticlockwise direction. In which direction is he facing now?

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P started from his house towards West. After walking a distance of 25 m, he turned to his right and walked 10 m. He then again turned to his right and walked 15 m. Then he turned 135 degrees towards his right and covered 30 m. Towards which direction is he finally facing?

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Starting from the point X, Jayant walked 15 m towards West. He turned to his left and walked 20 m. He then turned to his left and walked 15 m. After this, he turned to his right and walked 12 m. How far and in which direction is Jayant from X?

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Sanjeev walks 10 m towards South. Turning to his left, he walks 20 m and then turns to his right. After walking a distance of 20 m, he turns to his right and walks 20 m. Finally, he turns to his right and walks a distance of 10 m. How far and in which direction is he from the starting point?

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Four cities W, X, Y, and Z are situated in such a way that Y is to the East of X, which is to the North of Z. If W is to the South of Z, then in which direction is Y with respect to W?

A man starts from a point X and travels 15 km towards East, then turns to his right and travels 20 km. He then turns to his left and travels 30 km. Finally, he takes a right turn and travels 40 km to reach point Y. The shortest distance between X and Y is _____.

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In a certain code language, North = West, South = East. Sun rises in which direction?

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In a clock, at 3 AM, the minute hand points towards North-East, then the hour hand will point towards which direction?

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Rahul put his timepiece on a table in such a way that at 6 PM, the hour hand points towards North. In which direction does the minute hand point at 9.15 PM?

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One evening before sunset, Rekha and Hema were talking to each other face to face. If Hema's shadow was exactly to the right of Rekha, which direction was Rekha facing?

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One morning after sunrise, Nivedita and Niharika were talking to each other face to face. If Niharika's shadow was exactly to the right of Nivedita, in which direction was Nivedita facing?

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THANK YOU