10A vehicle starts from point P and runs 10 km towards North, It takes a right turn and runs 15 km. It now runs 6 km after taking a left turn. It finally takes a left turn, runs 15 km and stops at point Q?

How far is point Q with respect to point P?

1) 16 km   2) 25km   3) 4 km   4) 20 km   5)

Towards which direction was the vehicle moving before it stopped at point Q?
1) North   2) East   3) South   4) West   5)

In which direction point Q with respect to P?
1) East   2) South   3) West   4) North-West

2)A person started moving towards west and stopped at point 'P' after covering 10 km. He then takes a right turn and stopped at point 'Q' after covering 12 km. Finally, he takes left turn, covers 6 km and stops at point R. What is the distance between the starting point and stopping point?

1)   20 km   2) 40 km   3) 60 km   4) 80 km   5) None of these

3)A persons starts from his house and travels a distance of 10m southwards and then travels a distance of 12m rightwards, then travels distance of 10m rightwards and finally travels a distance of 10m in the eastern direction. At what horizontal distance is he from his house?

1)   2 m   2) 10 m   3) 12 m   4) Cannot be determined   5) None of these

3. One morning after sunrise, Riya and Kavya were talking to each other face to face at Tilak square. If Kavya's shadow was exactly to the right of Riya, which direction Kavya was facing?
(1) North   (2) South   (3) East   (4) Data inadequate

4. After traveling 10kms, I turned left and traveled a distance of 5kms, then turned right and covered a distance of 5km. Now I am moving towards west. From which direction did I start my journey?
(1) North   (2) South   (3) East   (4) West

5. Of the five villages P, Q, R, S and T situated close to each other, P is to the west of Q, R is the south of P, T is to the north of Q and S is to the east of T. Then, R is in which direction with respect to S?
(1) Northwest   (2) southeast   (3) southwest   (4) None of these

6. Maya starts at point T, walks straight to point U, which is 4 ft away. She turns left at 90° and walks to W which is 4 ft away, turns 90° right and goes 3 ft to P, turns 90° right and walks 1 ft to Q, turns left at 90° and goes to V, which is 1 ft away and once again turns right 90° and goes to R, 3ft away. What is the distance between T and R.
(1) 4 ft   (2) 5 ft   (3) 7 ft   (4) 8 ft

7. A person starts from his office and goes towards his house. To reach his house, he has to follow the following directions: Travel 5 km towards northeast from the office followed by 5 km towards southeast: then travel 5 km towards southwest followed by 5 km towards northwest. Approximately how far is the office from his house?