1) The front door of Kiran's house is towards the south. From the backside of her house, she walks 50 metres straight then turns towards the left and walks 100 metres and after that turns right and stops after walking 100 metres. Now Kiran is facing which direction?

   a) East
   b) South
   c) West
   d) North

2) A boy starts walking straight towards the north and walks 10 feet, then he turns to his left and walks 5 feet, then he turns to his left and walks another 5 feet, then again, he turns to his left and walks 10 feet and then he turns to his right and walks 2 feet. How far is he now from his starting point?

   a) 5 feet
   b) 2 feet
   c) $\sqrt{34}$ feet
   d) 7 feet

3) A man walks 5 metres straight and then 10 meters to the right. After this he continuously turns left and every time walks 10, 5 and 10 meters respectively. How far is he now from his starting point?

   a) $5\sqrt{3}$ meters
   b) $3\sqrt{5}$ meters
   c) $5\sqrt{2}$ metres
   d) 10 metres

Read the situation given below to answer these questions.

j, k, l, m, n, o, p, q and r are nine huts. l is 2 km east of k. j is 1 km north of k and q is 2 km south of j. p is 1 km west of q while m is 3 km east of p and o is 2 km north of p. r is situated just in middle of k and l while n is just in middle of q and m.

4) Distance between k and l is

   a) 2 km
   b) 1 km

   c) 5 km
   d) 1.5 km

5) Distance between k and r is

   a) 1.41 km
   b) 3 km
   c) 2 km
   d) 1 km

6) Distance between p and q is

   a) 4 km
   b) 2 km
   c) 1 km
   d) 3 km

7) 'A' started from his house & walked 20 m towards East, where his friend 'B' joined him. They together walked 10 m in same direction. Then 'A' turned left & 'B' turned right & travelled 2m & 8 m, respectively. Again 'B' turned left to travel 4 m followed by 5 m to his right to reach his office. 'A' turned right & travelled 12 m to reach his office. What is the shortest distance between the two offices?

   a) 15 m
   b) 17 m
   c) 19 m
   d) 20 m

8) A man walks 30 m towards south, then turning to his right he walks 30 m. Then turning to his left, he walks 20 m. Again, he turns to his left & walks 30 m. How far is he from his initial position?

   a) 80 m
   b) 60 m
   c) 30 m
   d) None of these

9) A person walks 12 km due North, then 15 km due East, after than 19 km due West & 15 km due South. How far is he from the starting point?

   a) 5 km
   b) 9 km
   c) 37 km

d) 64 km

10) P, Q & R are three towns. The distance between P & Q is 60 km, whereas the distance between P & R is 80 km. Q is in the west of P & R is in the south of P. What is the distance between Q & R?

a) 140 km
b) 130 km
c) 10 km
d) 100 km

ANSWERS:

1 – D
2 – C
3 – C
4 – A
5 – C
6 – C
7 – B
8 – D
9 – A
10 – D