



# Directions

1. A man walks 10 km towards north. From there he turns his left and walks 10 km, then he takes left and walks 10 km, then what is the distance between starting and ending points?

1. 10 km
2. 15 km
3. 5 km
4. 12 km

2. Sandy starts walking straight towards east. After walking 7.5 km he turns to the left and walks 2.5km straight. Again he turns to the left and walks a distance of 4.0km straight, again he turns to the left and walks a distance of 2.5km. How far is he from the starting point?

1)8.5 km

2)1.5 km

3)5.5 km

4)3.5 km

3. A man walks 8 km towards north. From there he turns his right and walks 6km then he takes right turn and walks 8km . What is the distance between starting and ending points?

1. 10 km
2. 12 km
3. 5 km
4. 6 km

4. There are four cities D, E, F, G. D is to the south west of E. E is to the south west of F and F is to the south of G

In which direction is G from E

- 1) North west
- 2) South east
- 3) North-east
- 4) East-south

(5-6) Mahesh walks 1 km towards north. From there he turns his left and walks 2km then he takes left and walks 1km. Ravi starts at the same point where Mahesh started and walks 6 km towards north. From there he turns his right and walks 2km then he again takes right and walks 6km then

5. what is the distance between Mahesh and Ravi

1. 4 km
2. 8 km
3. 5 km
4. 12 km

6. In which direction Mahesh is from Ravi

1)North

2)South

3)East

4)West



(7-9) If  $A+B$  means A is 4m north of B;  $A-B$  means A is 4m south of B;  
 $A*B$  means A is 4m east of B;  $A\%B$  means A is 4m west of B

For the following statement  $P+Q*R-S$

7. What is the distance from S to Q.

1.  $\sqrt{35}$  m
2.  $\sqrt{32}$  m
3.  $\sqrt{33}$  m
4.  $\sqrt{38}$  m

8. What is the distance between S and P?

1)5 m

2)4 m

3)3 m

4)6 m

9. Which direction P is from R?

1) North-east

2) South-east

3) West-south

4) North-west

(10-13): A person starts from a point "P" walks 8 km towards West. He turns  $90^\circ$  right and walks 2km then he take  $90^\circ$  right and walks 4km reaches point 'R' . Then take right turn and walks 1km. Turns  $90^\circ$  left walks 4km, reaches point S. From their he walks 1km towards North and finally he take right turn and walks 2km and reaches point 'T'.

10.what is the distance between R and T

1. 10 km
2. 12 km
3. 5 km
4. 6 km

11. In which direction 'S' is from T

1)North - east

2)South- east

3)East

4)South –West

12. In which direction 'S' is from R

1)North - east

2)South- east

3)East

4)South –West

13. In which direction 'T' is from 'P'

1)North - east

2)South- east

3)East

4)South –West

14. After travelling 8km, i turned right and travelled 3km. Then i turned right and covered a distance of 2km. Now if i am moving towards west, in which direction did I start my journey

1. North
2. South
3. East
4. West



15. A man walks 6 km towards in certain direction . From there he turns his left and walks 8km. Then he takes left and walks 8km and finally in south direction. In which direction did I start my journey

1. North
2. South
3. East
4. West

16. After travelling 5km in certain direction i turned right and covered a distance of 2km. Now I am facing North. In which direction did I start my journey

1. North
2. South
3. East
4. West

17. A man walks 3 km towards north. From there he turns his left and walks 4 km then what is the distance between starting and ending point

1) 10 km

2) 15 km

3) 5 km

4) 6 km

(18-19) A man starts at a point P walking towards East for 5 km and reaches point D, takes  $90^\circ$  left and walks 2 km and walks 3 km right, he reaches point X. He turns right and walks 8 km. Finally reach point O then find

18. Find the distance between P and O

1. 10 km
2. 9 km
3. 12 km
4. 11 km

19. What is the distance between 'D and X'

1)  $\sqrt{6}$  km

2)  $\sqrt{8}$  km

3)  $\sqrt{10}$  km

4)  $\sqrt{13}$  km

20. One morning after sunrise, Sumesh and Ratheesh were standing on a lawn facing each other. Sumesh's shadow fell exactly towards his left hand side. Which direction was Ratheesh facing?

1)North

2)South

3)east

4)None

21. A watch reads 3.45 if the minute hand points north, in what direction does the hour hand points?

- 1)North east
- 2)South West
- 3)North east
- 4)West

(22-23).When sun rises, a man walks 4 km towards straight . His shadow falls on his left side. From there he turns his left and walk 3km.Then he takes left and walk 4km, then

22. In which direction is he walking now?

1. North-west
2. South
3. North-east
4. south-west



23. what is the distance between starting and ending point

1)6 km

2)2 km

3)3 km

4)4 km

(24-25):

A man is walking from point P to S for 4km when sun sets, his shadow falls in front of him. He turns 90 degrees right and walks 3km and reaches point Q. After 45 degrees to right and travels 5km and reaches point R

24. Find the distance between P and Q

1. 4 km
2. 8 km
3. 5 km
4. 10 km

25. Find the distance between T and R, if T is the point 3 km from the west of Q

1. 4 km
2. 8 km
3. 5 km
4. 6 km