SOLVE WITH 100% ACCURACY

DIRECTION & DISTANCE REASONING
Read the following information carefully and answer the questions given below it:

M?N means N is to the right of M at a distance of two metre.
M*N means N is to the North of M at a distance of two metre.
M+N means N is to the left of M at a distance of two metre.
M%N means N is to the South of M at a distance of two metre.

In each of the following questions all persons face North.

Q.1 If P%Q+R*S then S is in which direction with respect to P?
   a) South-east          b) East          c) North          d) West
   e) None of these
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In each of the following questions all persons face North.

Q.2 If X?R%Y?Z then Z is in which direction to R?
a) North b) West c) South-east d) South-west e) None of these
Q.3 If T ? U + V* W, then V is in which direction with respect to T?

a) North  

b) South  

c) East  

d) North-east  

e) None of these
Q.4 A directional post is erected on a crossing, in an accident it was turned in such a way that the arrow which was first showing east is now showing north. A passerby went in a wrong direction thinking it is east.

In which direction is he actually travelling now?

a) North  
b) East  
c) West  
d) South  
e) Cannot be determined
Q.5 One day afternoon Arun and Mani were sitting in a garden and facing each other. Mani’s shadow fall exactly towards Arun’s right, Which direction was Mani facing?

a) South  
b) East  
c) West  
d) North  
e) None of these
Q.6 A tourist drives 10 km towards east and turns to the right hand drives 3 Km. Then he drives towards west (turning to his right) 3 km. He then turns to his left and drive 2 km. Finally he turns to his right and travel’s 7 km. How far is he from his starting point and in which direction would he be?

a) 10 km, East
b) 9 km, North
c) 8 km, West
d) 5 km, West
e) None of these
Q.7 A boy rode his bicycle Northward, then turned left and rode 1 km and again turned left and rode 2 km. He found himself 1 km west of his starting point. How far did he ride northward initially?

a) 1 km  
b) 2 km  
c) 3 km  
d) 5 km  
e) None of these
Q.8 A dog is taken out every evening by the owner whose home faces East. They walk 200 m West, then 500 m in the South direction. Which direction should they take to reach home?

a) North-East
b) North
c) North-West
d) South-East
e) East
Q.9 Two ladies and two men are playing cards and are seated at North, East, South and West of a table. No lady is facing East. Persons sitting opposite to each other are not of the same sex. One man is facing South. Which directions are the ladies facing?
a) East and West
b) South and East
c) North and East
d) North and west
e) West and South
Q.10 One evening before sunset two friends Sumit and Mohit were talking to each other face to face. If Mohit’s shadow was exactly to his right side, which direction was Sumit facing?

a) North
b) South
c) West
d) Data inadequate
e) None of these