Problems on Direction

Direction

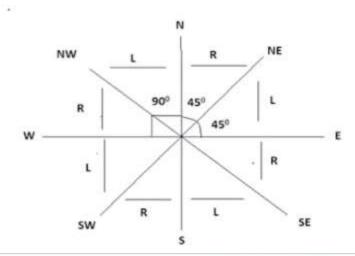


Placement for All.. All for Placement

This Video Completely covers the problems on "Direction" which is more than sufficient for all kind of placement Exams eg: TCS/WIPRO/AMCAT/ELITMUS/CoCubes and all other placement Exams.

Direction by: Pratik Shrivastava(10 years of industry experience and best Aptitude trainer)

DIRECTIONS: Find the Right Direction



ClockWise = Right AnticlockWise = Left

Note:

- 1)There are 8 directions in all i.e. N, S, E, W, NE, SE, SW, NW
- 2)Angle between 2 crosses i.e. NW & NE or N and E etc is 90*
- 3)Angle between direction and a cross is 45* i.e. between N & NE or E and SE, etc.

DIRECTIONS: Find the Right Direction

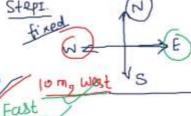
O1 A Person is walking towards east 5 meters then he turned towards his right and walks 10 meters. Later in the journey he turned towards his right direction and walks for 15 meters finally he turns right and walks 10 meters:

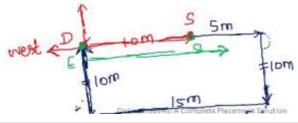
Soln:

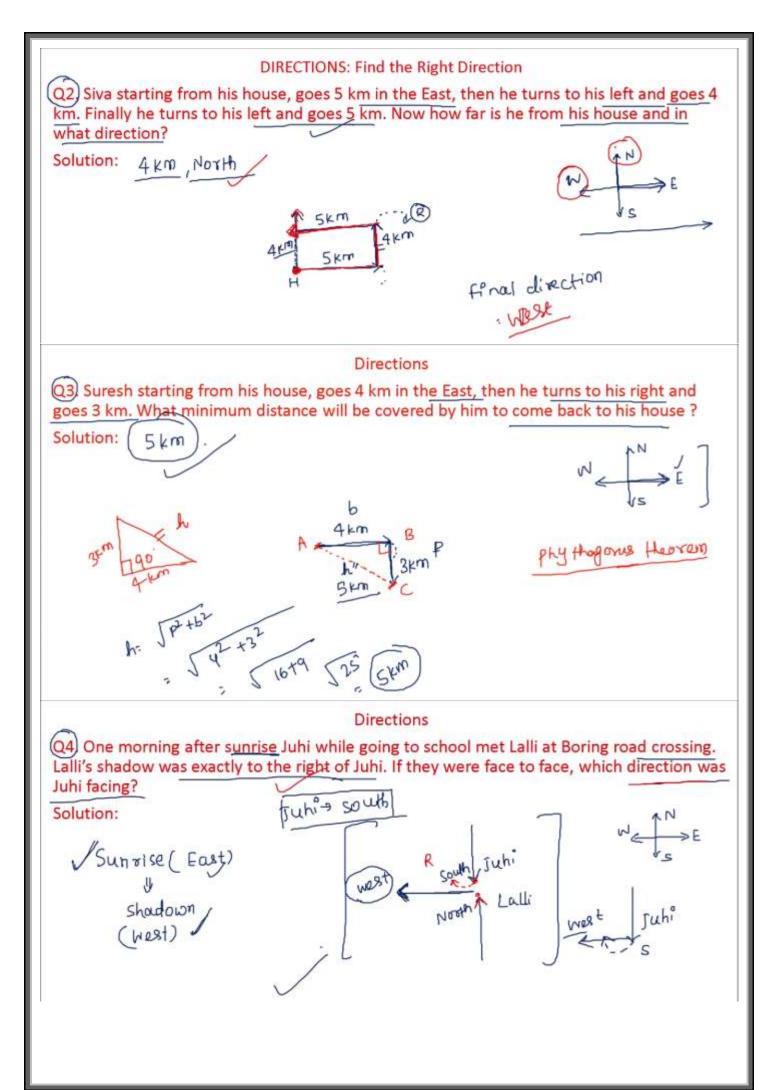
Types of Questions:

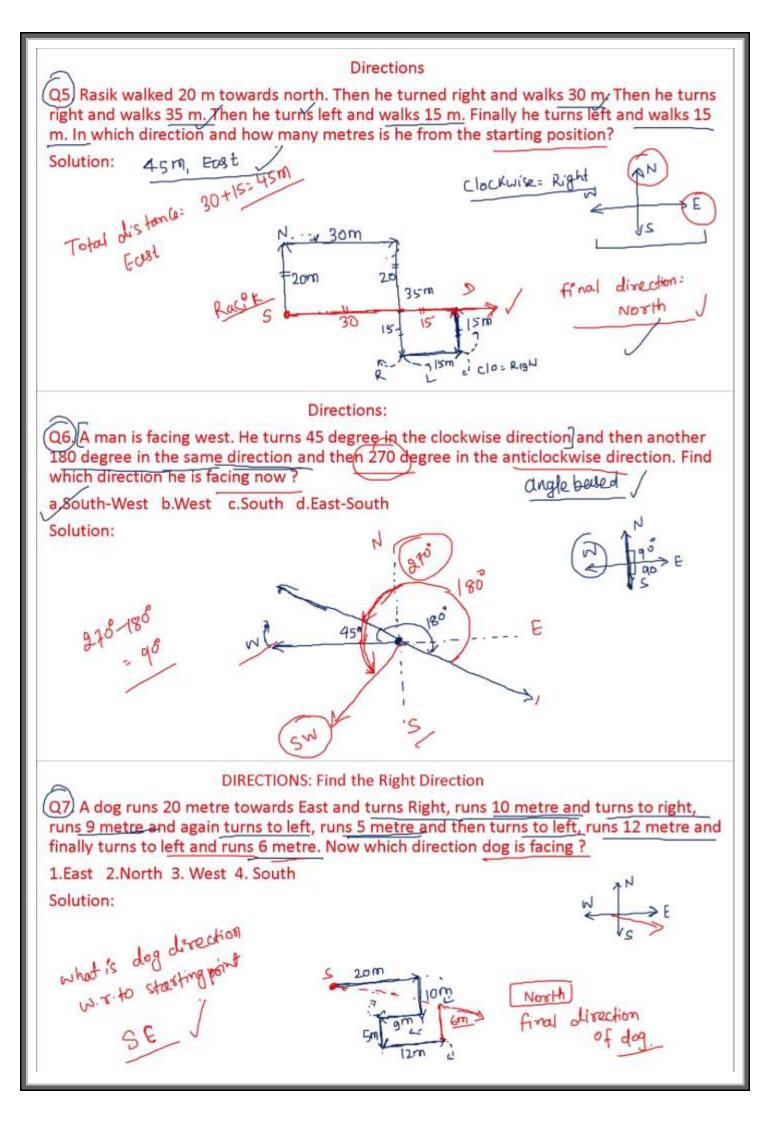
Q1. What is his final direction?- (North)

Q2. How far is he from his starting point and in which direction?
Q3. In which direction is his starting point from ending point?







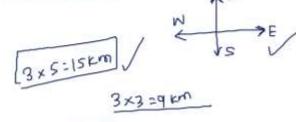


Directions OBJA child is looking for his father. He went 90 meters in the east before turning to his right. He went 20 meters before turning to is right again to look for his father at his uncle's place 30 rheters from this point. His father was not there. From there, he went 100 meters to his north before meeting his father in a street. How far did the son meet his father from starting point. Solution: Omega 10 meters from this point. His father in a street. How far did the son meet his father from starting point. Solution: Omega 20 meters from this point. His father was not there. From there, he went 100 meters to his north before meeting his father in a street. How far did the son meet his father from starting point. Solution: Omega 20 meters from this point. His father was not there. From there, he went 100 meters to his north before meeting his father in a street. How far did the son meet his father from starting point. Solution:

Directions:

Q9 A person starts from a point A and travels 3 km eastwards to B and then turns left and travels thrice that distance to reach C. He again turns left and travels five times the distance he covered between A and B and reaches his destination D. The shortest distance between the starting point and the destination is

(a)12 km (b) 15km (c) 16 km (d) 18 km (e)None of these



 $h = \int \frac{\rho^2 + b^2}{9^2 + 12^2}$ $= \int \frac{q^2 + 12^2}{5}$ $= \int \frac{225}{15}$

Directions:

Q10. Two buses start from the opposite points of a main road,150kms apart. The first bus runs for 25 kms and takes a right turns and then runs for 15 kms. It then turns left and runs for another 25 kms and takes the direction back to reach the main road. In the meantime, due to a minor breakdown, the other bus has run only 35 kms along the main road. What would be the distance between the two buses at this point?

(a)65 kms

(b)75 kms

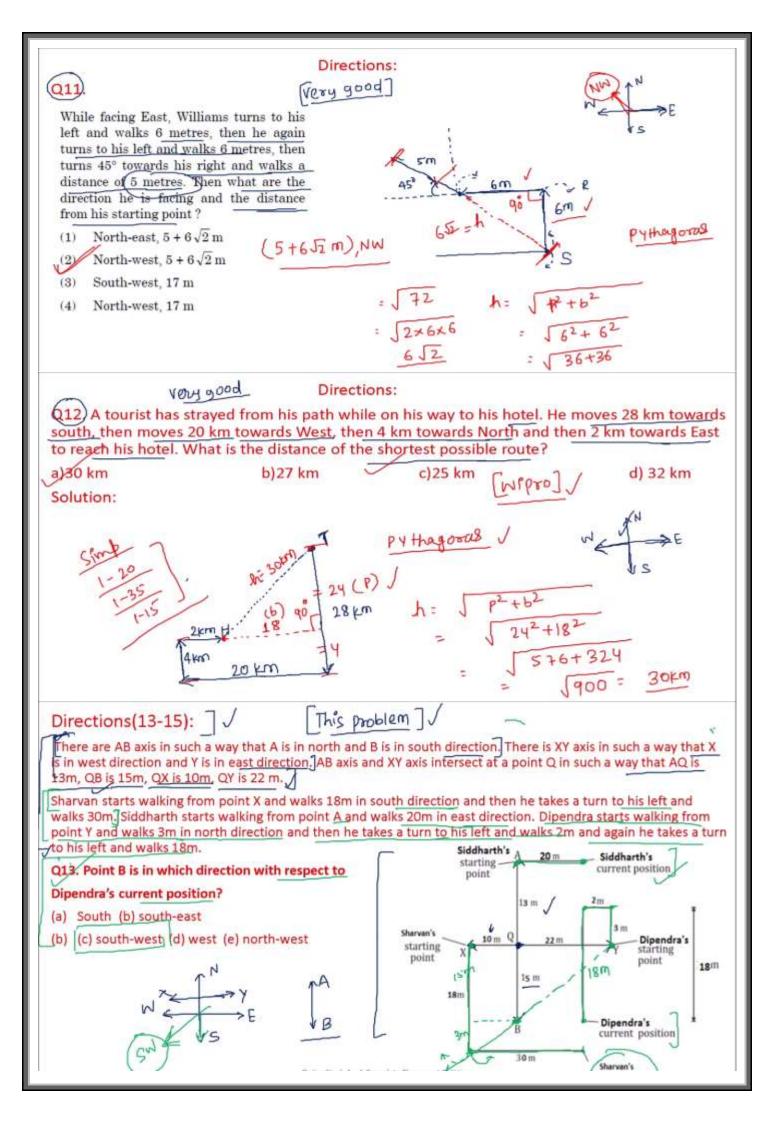
(c)80 kms

(d)85 kms

Solution:

= 150-(50+35) = 150-85

good



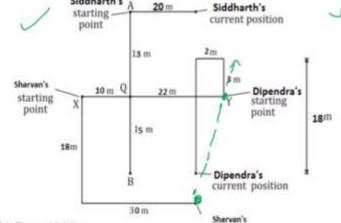
Directions(13-15):

There are AB axis in such a way that A is in north and B is in south direction. There is XY axis in such a way that X is in west direction and Y is in east direction. AB axis and XY axis intersect at a point Q in such a way that AQ is 13m, QB is 15m, QX is 10m, QY is 22 m.

Sharvan starts walking from point X and walks 18m in south direction and then he takes a turn to his left and walks 30m. Siddharth starts walking from point A and walks 20m in east direction. Dipendra starts walking from point Y and walks 3m in north direction and then he takes a turn to his left and walks 2m and again he takes a turn to his left and walks 18m.

to Sharvan's current position?

- (a) north
- (b) east
- (c) north-east
- (d) north-west
- (e) south



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Q15. What is distance between Siddharth's current position and Sharvan's current position?

- (a) 31m
- (b) 33m
- (c) 11m
- (d) 20m
- (e) 25m

