

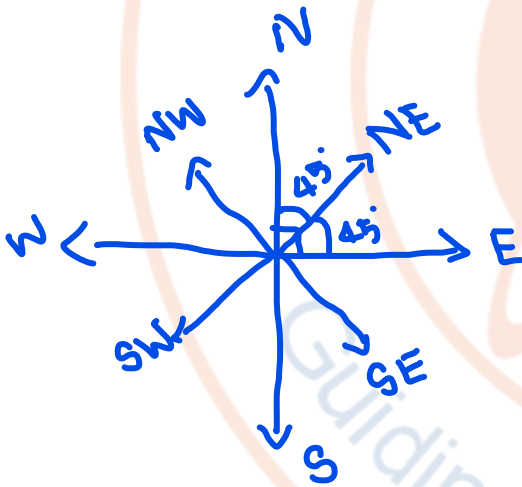
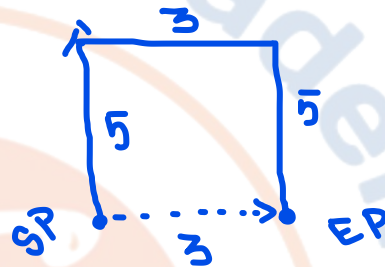
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CLASS 26 – DIRECTION ✓

Q1.

A man walks 5 km towards North. He then turns right and walks 3 km. He again turns right and walks 5 km. How far is he from his starting point, and in which direction?

- ✓ (A) 3 km, East
- (B) 3 km, West
- (C) 8 km, East
- (D) 13 km, North
- (E) Answer not known



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CLASS 26 – DIRECTION

Q2.

Ravi walks 10 m towards South. He turns left and walks 20 m. He turns left again and walks 10 m. He turns left once more and walks 20 m. How far is he from his starting point?

- ☒ (A) 0 m
- (B) 10 m
- (C) 20 m
- (D) 40 m
- (E) Answer not known



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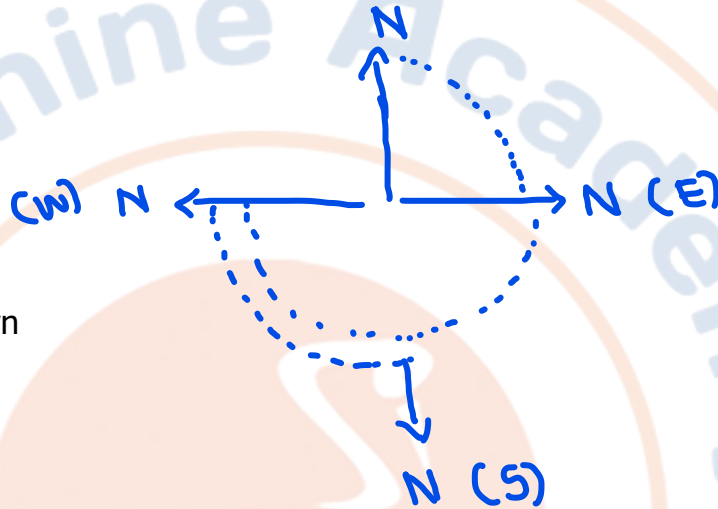
CLASS 26 – DIRECTION

Q3.

A person facing North turns 90° clockwise, then 180°, and then 90° anticlockwise.

Which direction is he facing now?

- (A) North
- (B) East
- ✓ (C) South
- (D) West
- (E) Answer not known



$$\begin{array}{r}
 +90 \\
 +180 \\
 \hline
 270 \\
 -90 \\
 \hline
 180
 \end{array}$$

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CLASS 26 – DIRECTION

Q4.

One morning after sunrise, a boy was standing facing a pole. The shadow of the pole fell exactly to his left. Which direction was he facing?

- (A) North
- (B) South
- (C) East
- (D) West
- (E) Answer not known

Boy

Sunrise - East

Sunset - West

Shadow

P



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CLASS 26 – DIRECTION

Q5.

Town B is to the North of Town A. Town C is to the East of Town B. In which direction is Town C from Town A?

- ✓ (A) North-East
- (B) North-West
- (C) South-East
- (D) South-West
- (E) Answer not known



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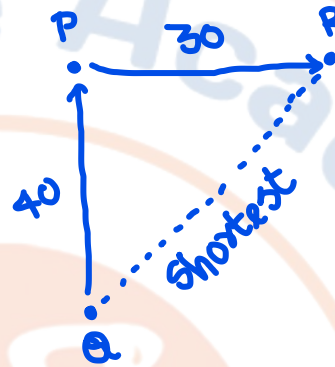
CLASS 26 – DIRECTION

Distance $\begin{cases} \nearrow \text{Total} \\ \searrow \text{Shortest} \end{cases}$

Q6.

Point P is 40 m North of Point Q. Point R is 30 m East of Point P. What is the distance between Q and R?

- (A) 50 m $\rightarrow$ SD
- (B) 70 m $\rightarrow$ TD
- (C) 10 m
- (D) 60 m
- (E) Answer not known



$$\text{Total Distance} = 40 + 30 = 70\text{m}$$

$$\begin{aligned} \text{Shortest Distance, QR} &= \sqrt{PQ^2 + PR^2} \\ &= \sqrt{40^2 + 30^2} \\ &= \sqrt{1600 + 900} \\ &= \sqrt{2500} \\ &= 50\text{m} \end{aligned}$$

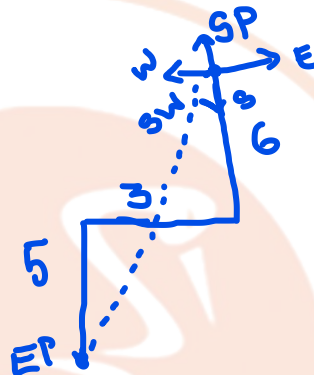
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CLASS 26 – DIRECTION

Q7.

A man walks 6 km towards South and then turns to his right. After walking 3 km he turns to his left and walks 5 km. Now in which direction is he from his starting place?

- ✓ (A) South-West
- (B) South-East
- (C) North-West
- (D) North-East
- (E) Answer not known



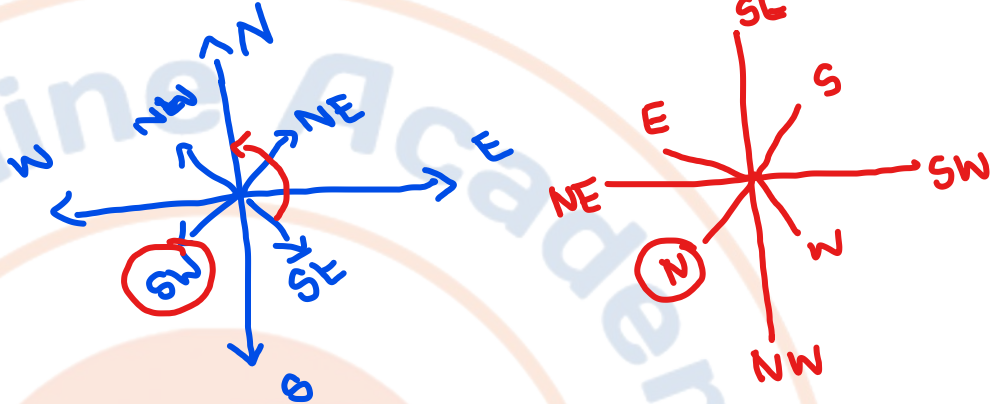
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CLASS 26 – DIRECTION

Q8.

If South-East becomes North and North-East becomes West, then what does North become?

- ☒ (A) South-West
- (B) South-East
- (C) North-West
- (D) East
- (E) Answer not known



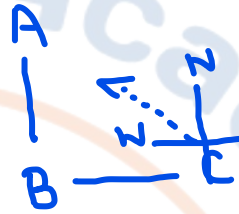
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CLASS 26 – DIRECTION

Q9.

A is to the North of B, and C is to the East of B, with $AB = BC$. In which direction is A from C?

- ☒ (A) North-West
- (B) North-East
- (C) South-West
- (D) South-East
- (E) Answer not known



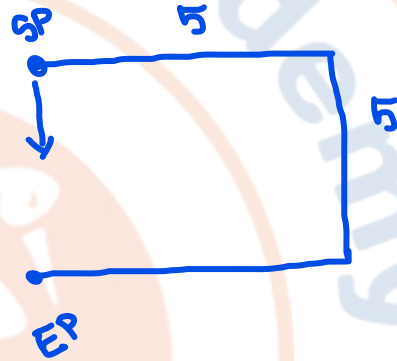
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CLASS 26 – DIRECTION

Q10.

A man walks 5 km East, then 5 km South, then 5 km West. Where is he now with respect to his starting point?

- (A) 5 km South
- (B) 5 km North
- (C) 5 km East
- (D) At the starting point
- (E) Answer not known



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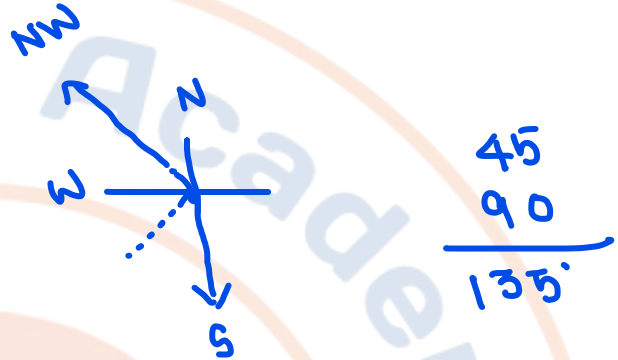
CLASS 26 – DIRECTION

Q11.

A man is facing South. He turns 45° to his right and then 90° further to his right.

Which direction is he facing now?

- ☒ (A) North-West
- (B) South-West
- (C) North-East
- (D) South-East
- (E) Answer not known



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CLASS 26 – DIRECTION

Q12.

→ Sunrise

One morning, Vikram was standing facing a pole and its shadow fell exactly to his right. Which direction was he facing?

- ☒ (A) South
- (B) North
- (C) East
- (D) West
- (E) Answer not known



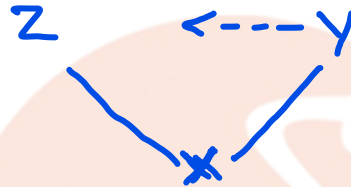
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CLASS 26 – DIRECTION

Q13.

Town X is South-West of Town Y. Town Z is North-West of Town X. In which direction is Town Z from Town Y?

- ☒ (A) West
- (B) East
- (C) North
- (D) South
- (E) Answer not known





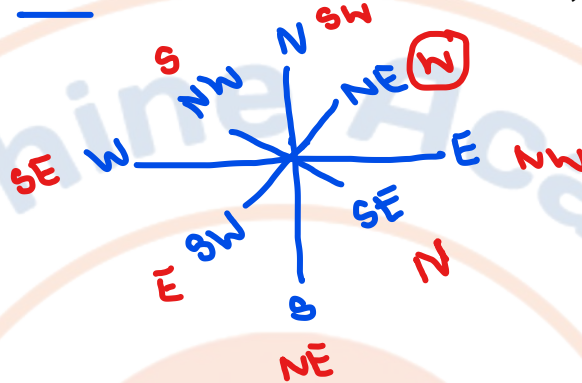
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CLASS 26 – DIRECTION

Q14.

If North-East becomes South and South-East becomes West, then what does West become?

- ✓ (A) North-East
- (B) South-West
- (C) North-West
- (D) South-East
- (E) Answer not known



2011 → 2025
2011 → 2012
2012 → 2013
Group 2/20
BP-PVO

26 → Dir
27 → Time + Dist
28 → Puzzle
29 → Aptitude
30 → Reason

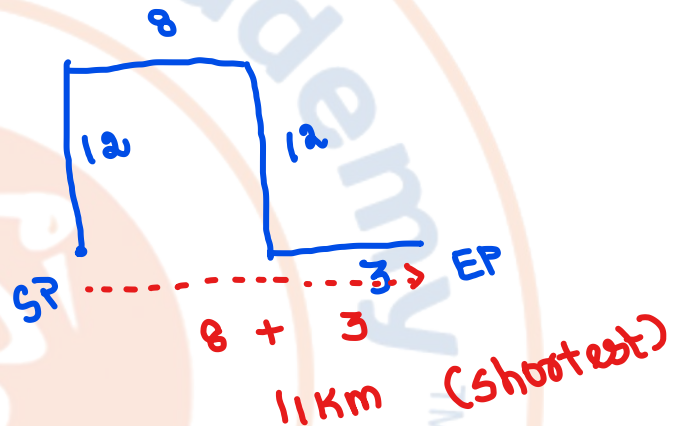
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CLASS 26 – DIRECTION

Q15.

A boy walks 12 km towards North, turns right and walks 8 km, turns right again and walks 12 km, then turns left and walks 3 km. Find his distance and direction from the starting point.

- ☒ (A) 11 km, East
- (B) 8 km, West
- (C) 11 km, West
- (D) 3 km, East
- (E) Answer not known



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CLASS 26 – DIRECTION

PRACTICE QUESTIONS

Q16.

A boat travels 6 km upstream against a river flowing East (i.e., 6 km West), then turns and travels 8 km South. How far is the boat from its starting point?

- (A) 10 km
- (B) 14 km
- (C) 2 km
- (D) 48 km
- (E) Answer not known

Q17.

Starting from a point facing East, a man walks some distance, turns 135° clockwise, and walks on. In which direction is he facing after the turn?

- (A) South-West
- (B) South-East
- (C) North-West
- (D) North-East
- (E) Answer not known

Q18.

Ram's house is 10 km East of Shyam's house. Shyam's house is 10 km North of Hari's house. In which direction is Ram's house from Hari's house?

- (A) North-East
- (B) North-West
- (C) South-East

- (D) South-West
- (E) Answer not known

Q19.

A man walks 7 km West, turns left and walks 7 km, turns left again and walks 7 km, then turns left once more and walks 7 km. Where is he now with respect to the starting point?

- (A) At the starting point
- (B) 7 km North
- (C) 14 km West
- (D) 7 km West
- (E) Answer not known

Q20.

If you are facing North and walk forward, then turn left, then turn left again, in which direction are you now walking?

- (A) South
- (B) North
- (C) East
- (D) West
- (E) Answer not known

