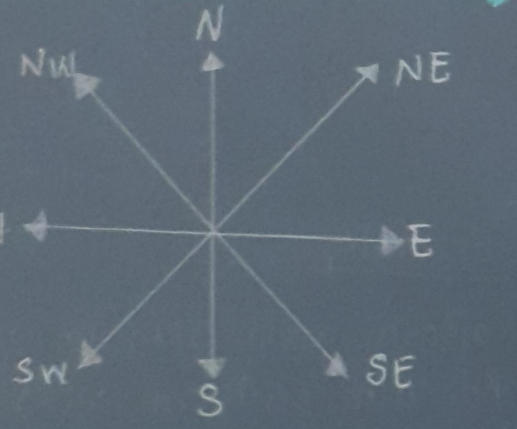
Direction Sense Test

→ Direction :



→ Direction indication →

Direction Mentioned	Direction indicated
1. Left + Left	Down
2. Left + right	Up
3. Right + Left	Up
4. Right + Right	Down
5. Up + Left	Left
6. Up + right	Right
7. Down + Left	right
8. Down + right	Left

→ Rotation and Degree :→

90° clockwise

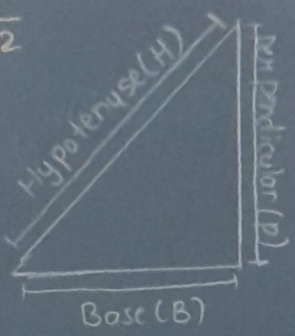
Right turn

90° anticlock wise

Left turn

Pythagoras Theorem :

$$H = \sqrt{(B)^2 + (P)^2}$$

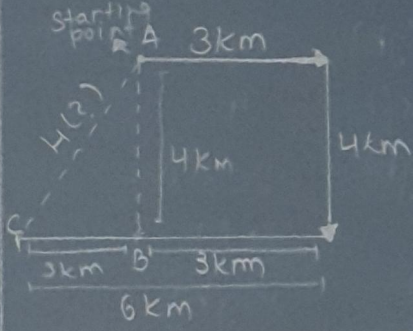


Example

Kailash walk 3km to east and turn south and walks 4 km. Again turn west and walks 6 km. How far is he from the starting point

(a) 7km (b) 5km

(c) 6km (d) 4km



$$H = \sqrt{(B)^2 + (P)^2}$$

$$AC = \sqrt{(BC)^2 + (AB)^2}$$

$$= \sqrt{(3)^2 + (4)^2}$$

$$= \sqrt{9 + 16}$$

$$= \sqrt{25}$$

$$\boxed{H = 5km}$$