

The background of the slide features a stylized illustration. A person with dark hair, wearing a dark blue shirt and green pants, stands on the left side of a winding orange path. The path leads towards a white house with a green roof and a small window, located in the upper center. The entire scene is enclosed within a white rounded rectangle with a dashed black border. The text 'DISTANCE & DIRECTION' is written in red, and 'दूरी और दिशा' is written in black below it.

DISTANCE & DIRECTION

दूरी और दिशा





Basic Concepts



Examples



Thought process



Elimination



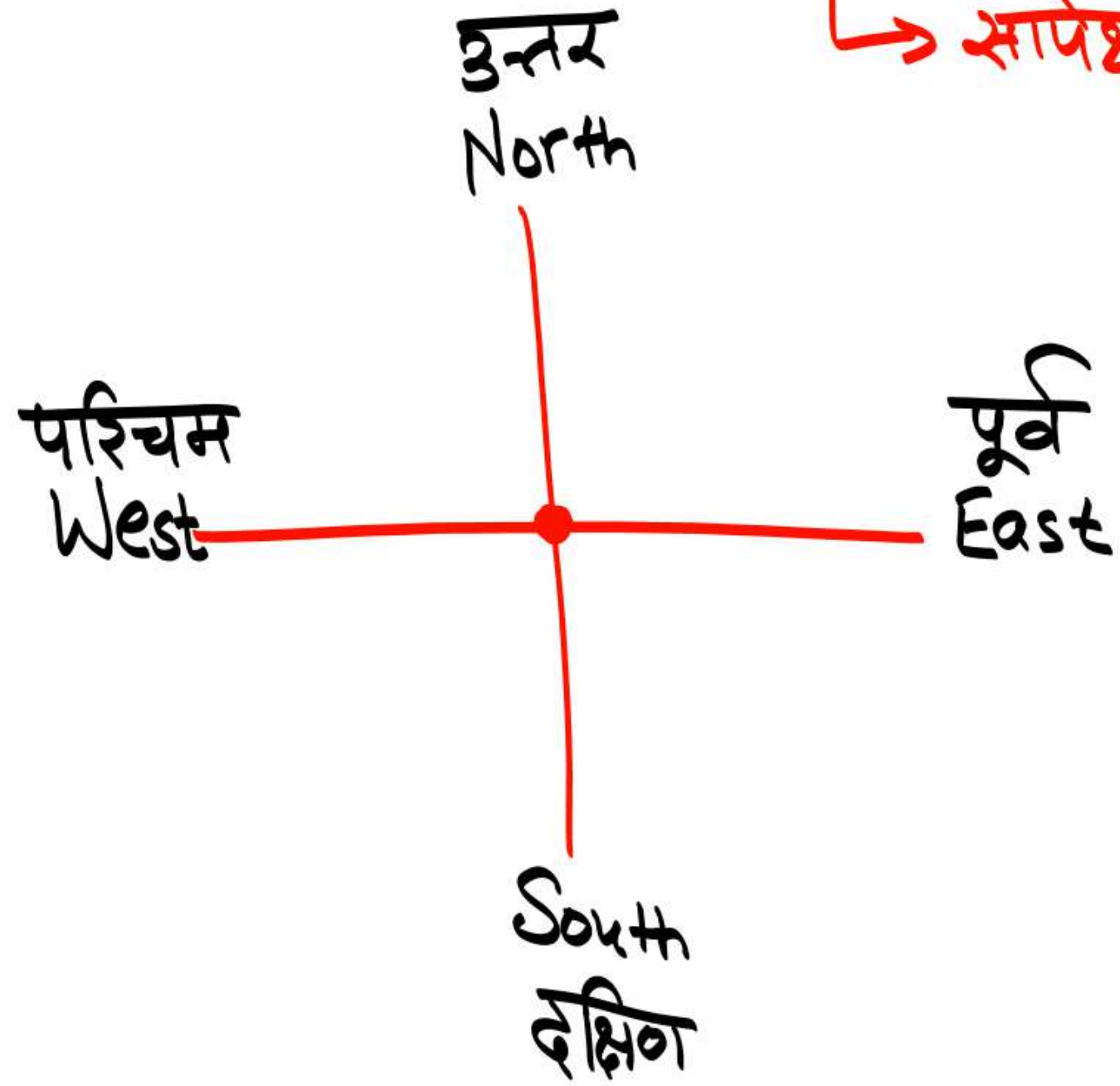
Question Practice

practice

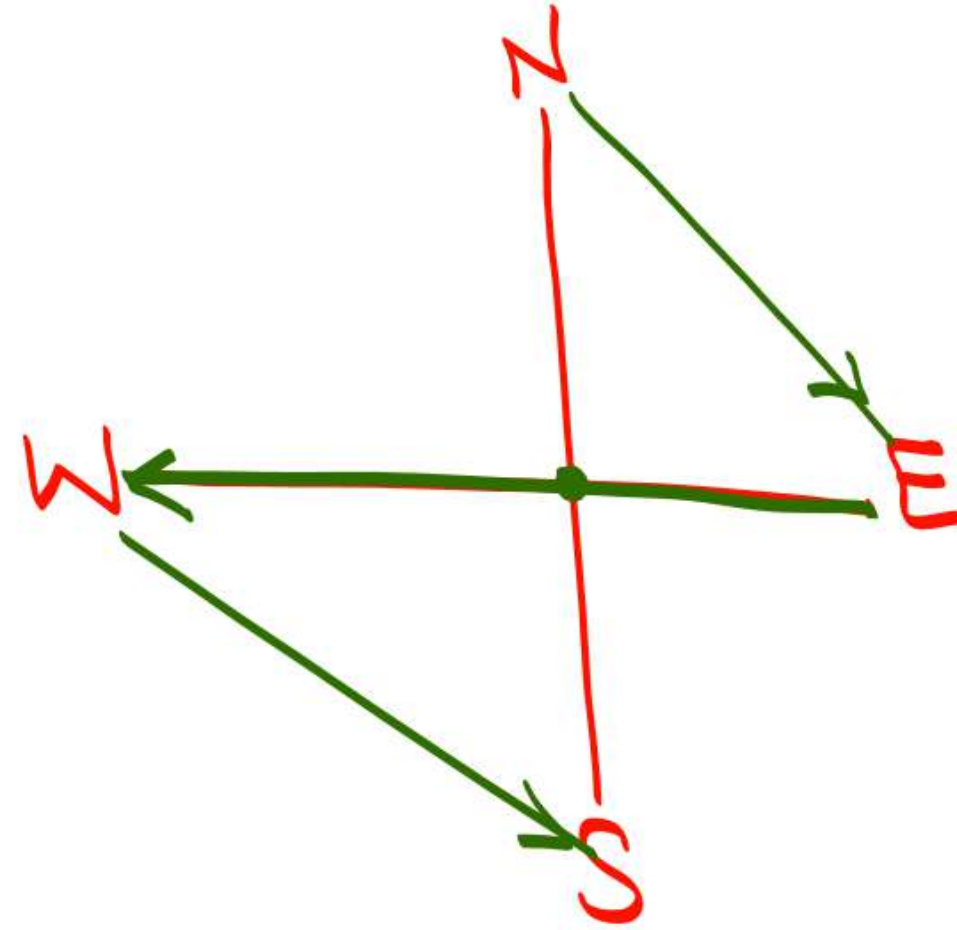


Directions

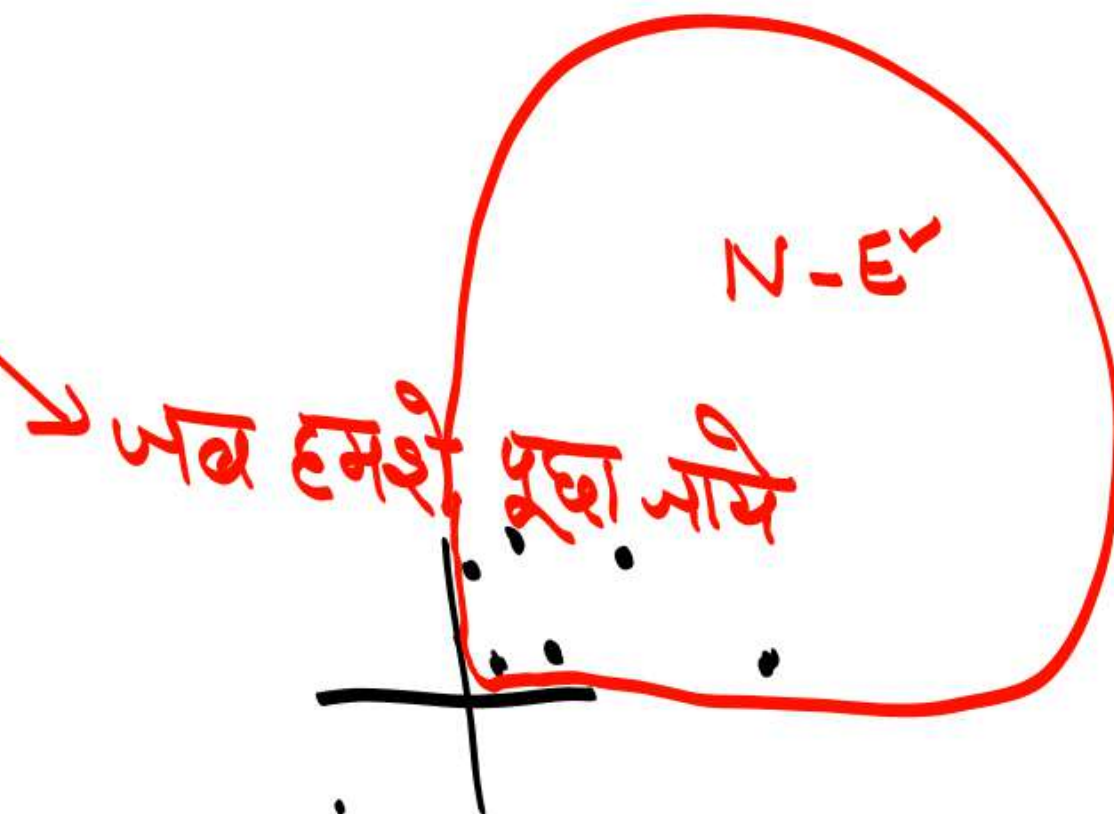
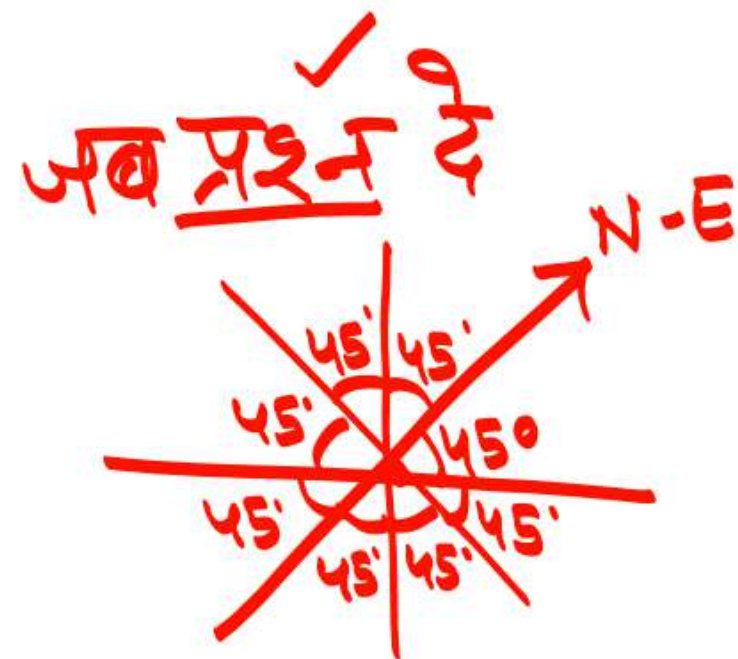
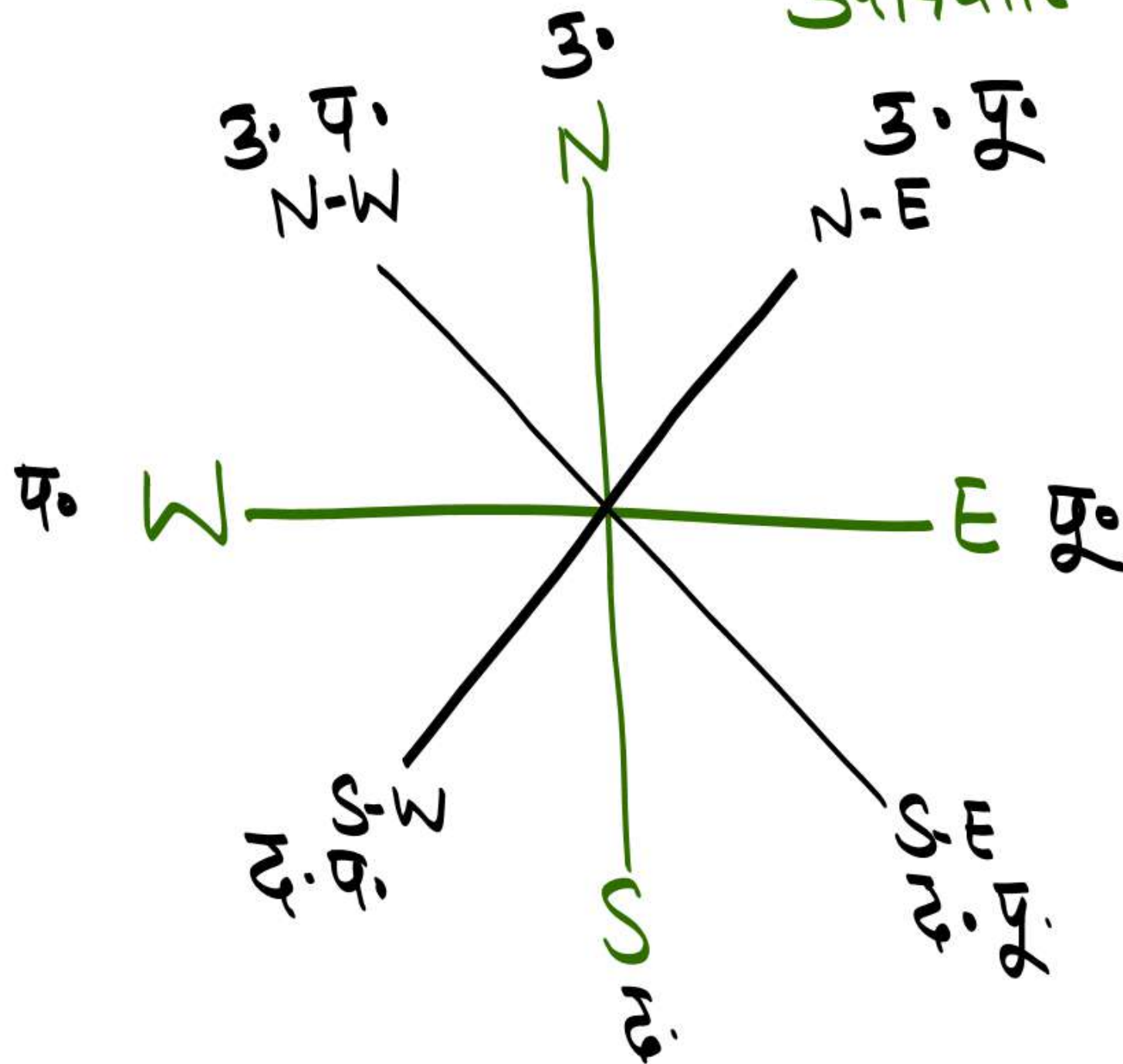
→ સાપેક્ષ રાશી



MAJOR Directions ✓



Cardinal directions उपदिशाएँ



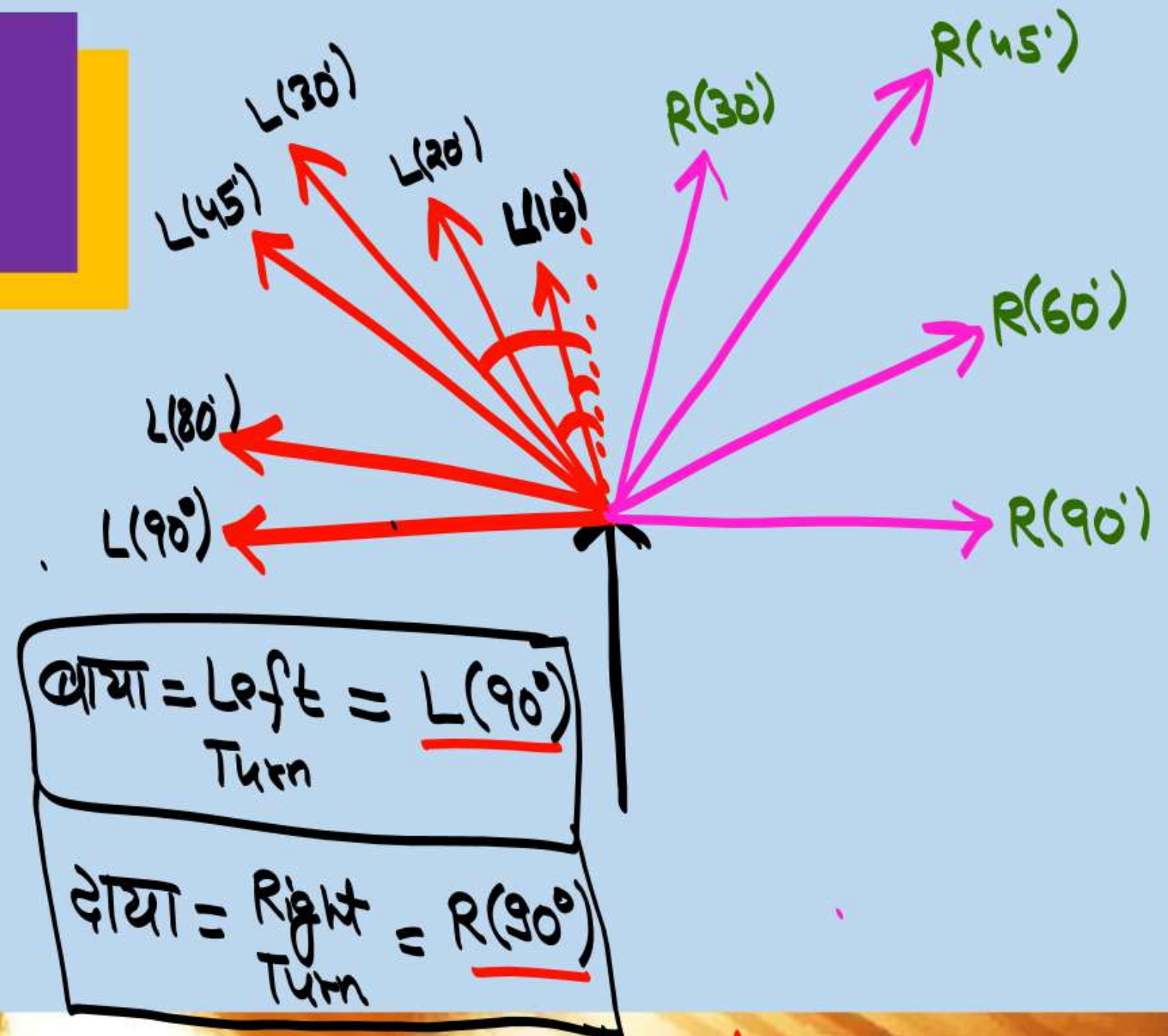
The Left Turn / बायां मोड़ ('R')

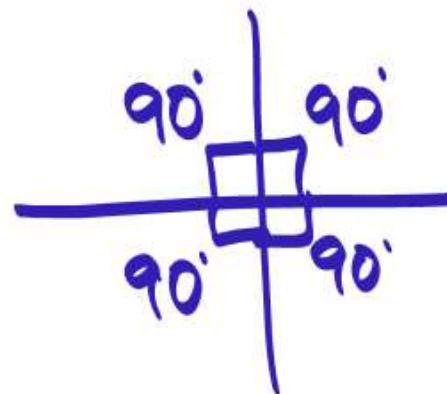
Left (बायां) = 90°

(A) L L L L = Same Direction
(समान दिशा)

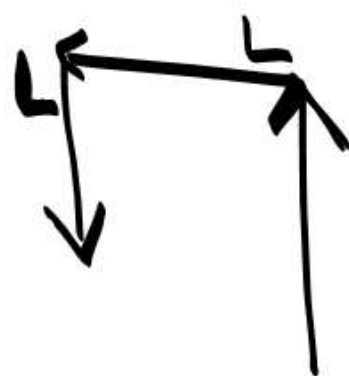
(B) L L = Opposite Direction
(वपरीत दिशा)

(C) L L L = Right (R)
(दाएं)

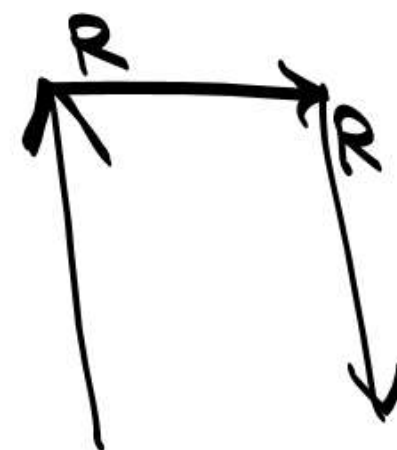




LR → Cancel out
 → Same direction
 समान दिशा
 LLRR
 LRRL
 RRLL



LL → opposite
 विपरीत
 RR

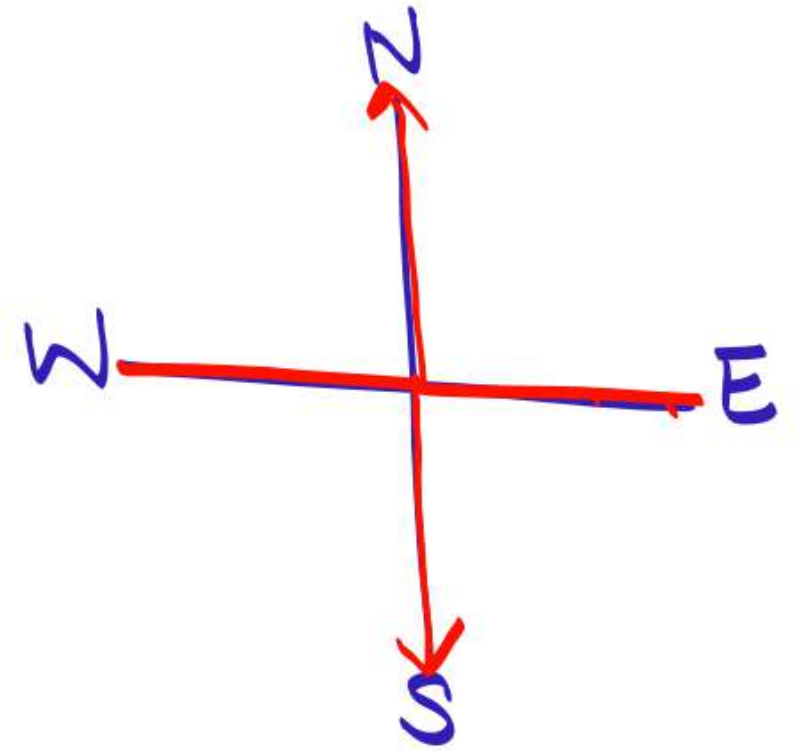
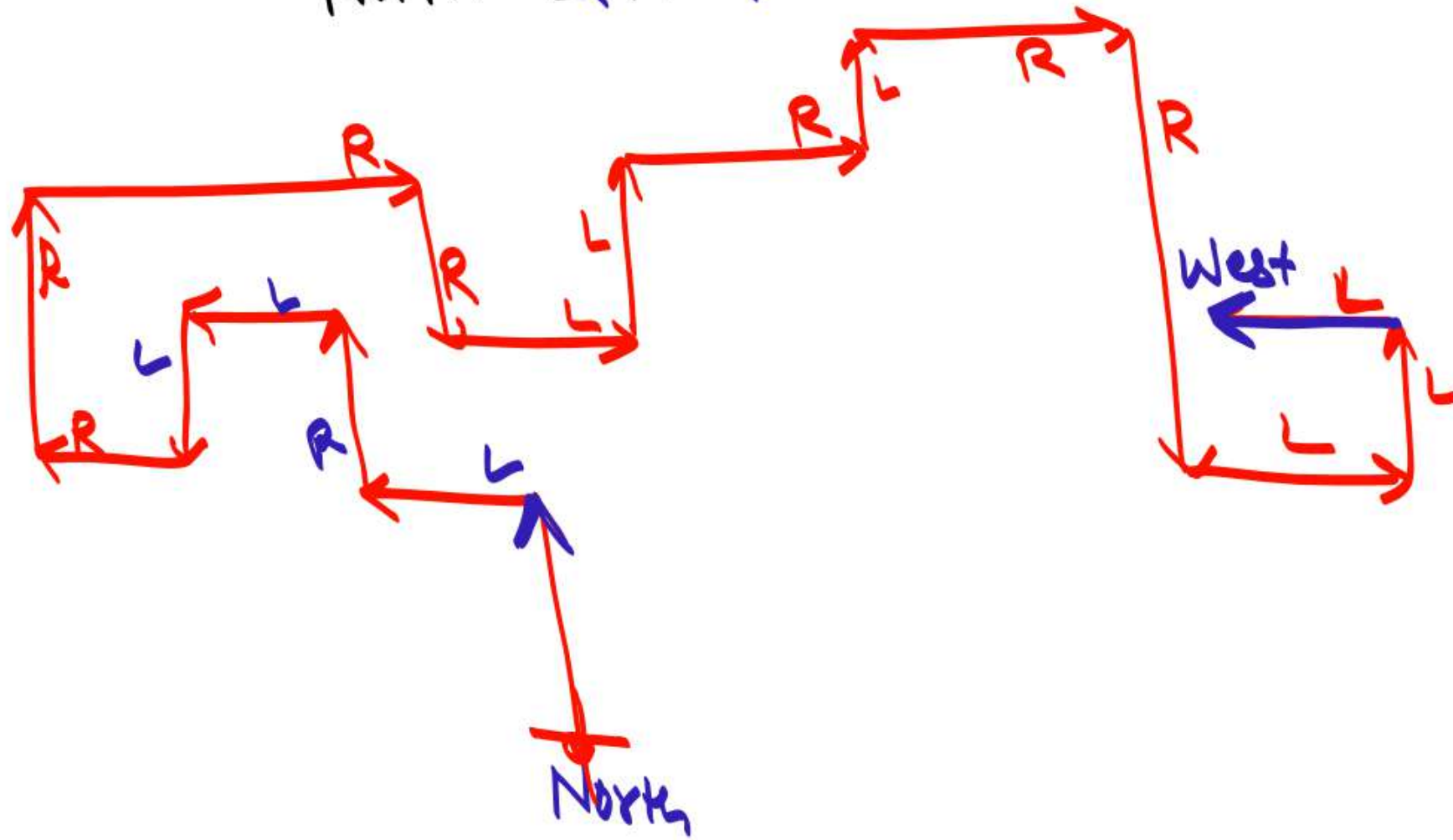


Resultant (परिणामी दिशा)

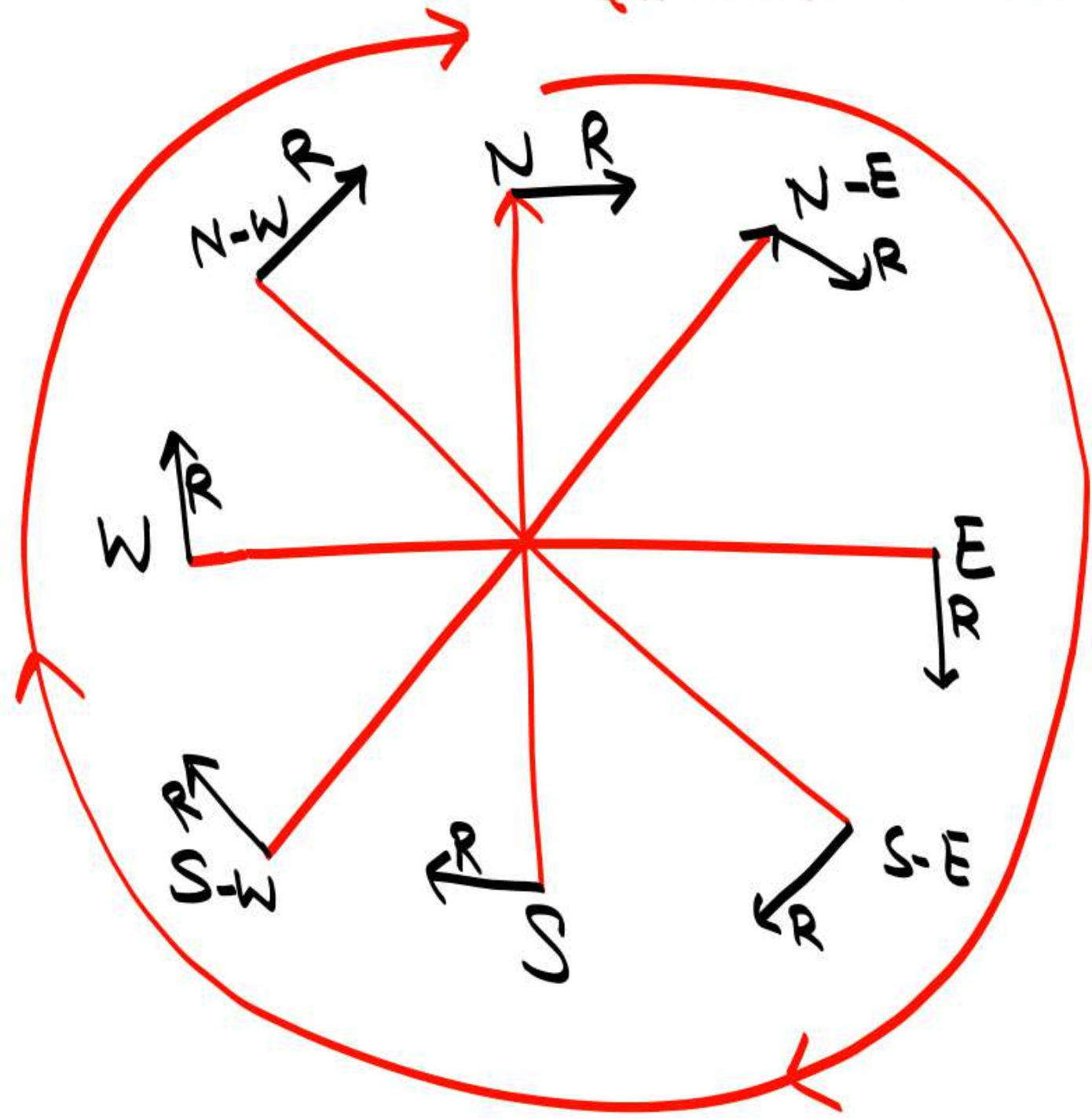
परिणामी $\rightarrow$ L

North ~~L~~ ~~R~~ ~~L~~ ~~L~~ ~~R~~ ~~R~~ ~~R~~ ~~L~~ ~~L~~ ~~R~~ ~~L~~ ~~R~~ ~~R~~ ~~L~~ ~~L~~ ~~L~~ ~~L~~ $\rightarrow$ West

अंत में व्यक्ति
की-दिशा
facing



Right = clockwise
दक्षिणावर्त $\rightarrow$ घड़ी की दिशा



R

R

R

R

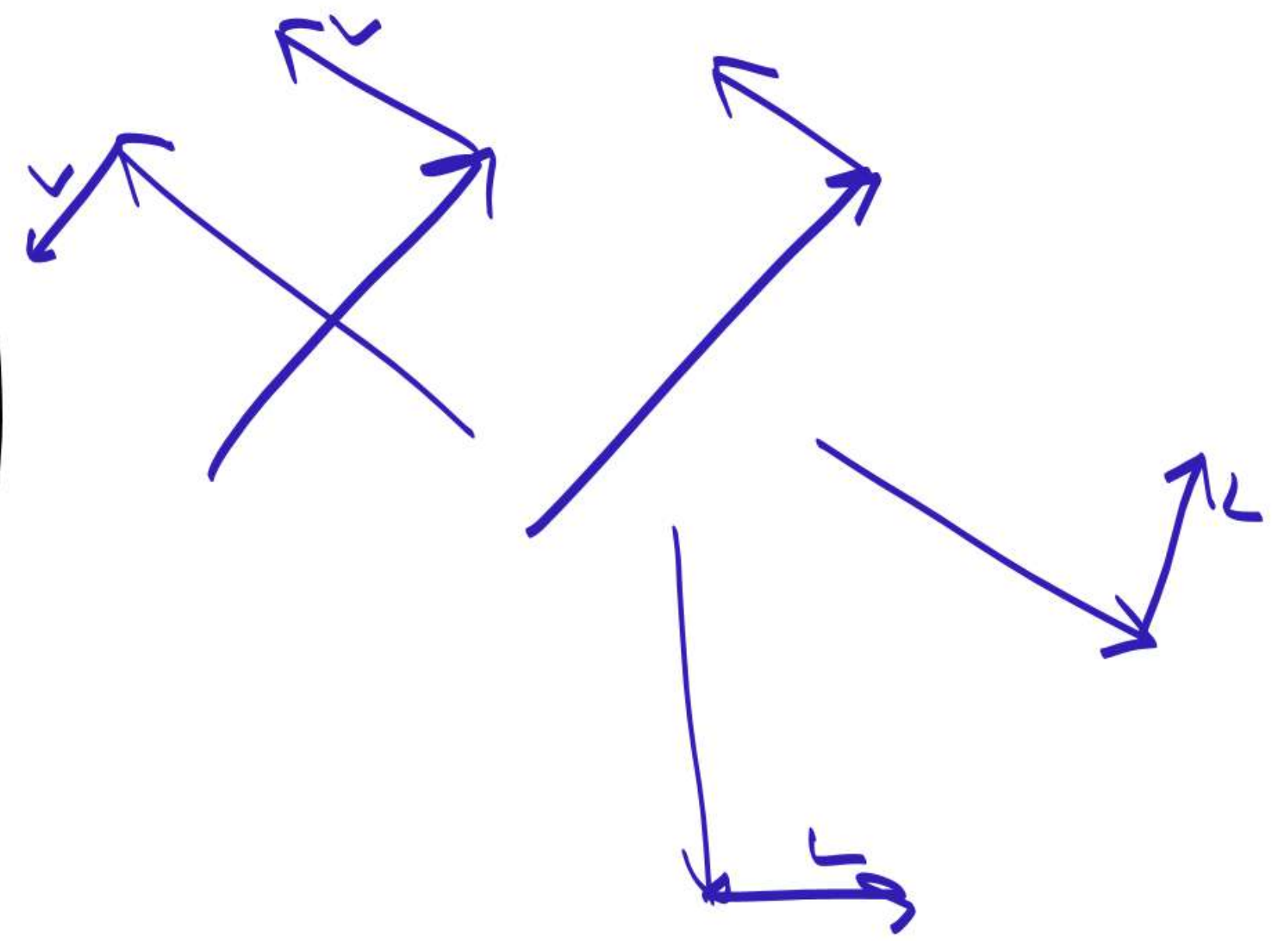
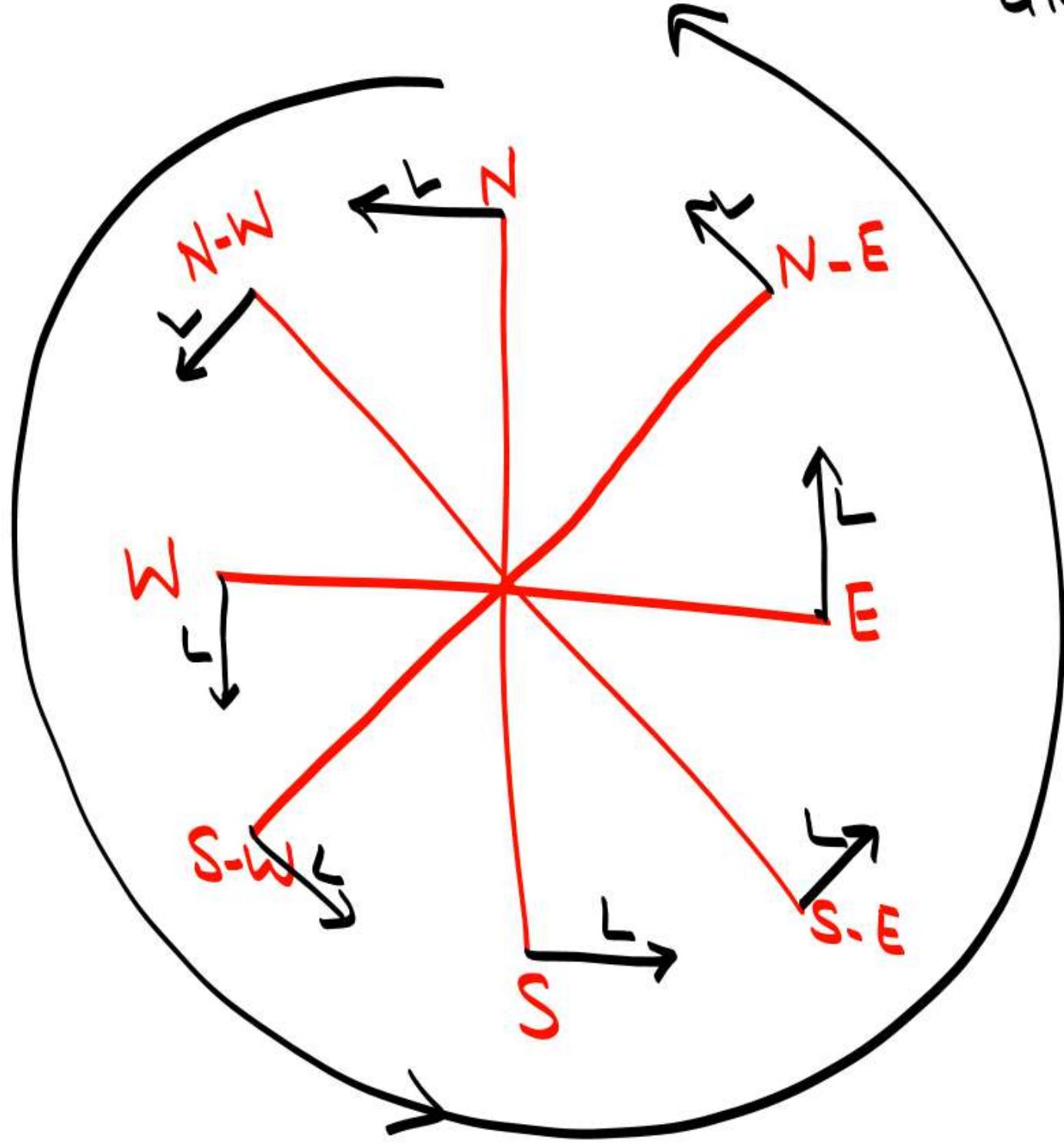
R

R

Left Turn

→ Anti-clockwise

वामावर्त
→ घड़ी से विपरीत दिशा



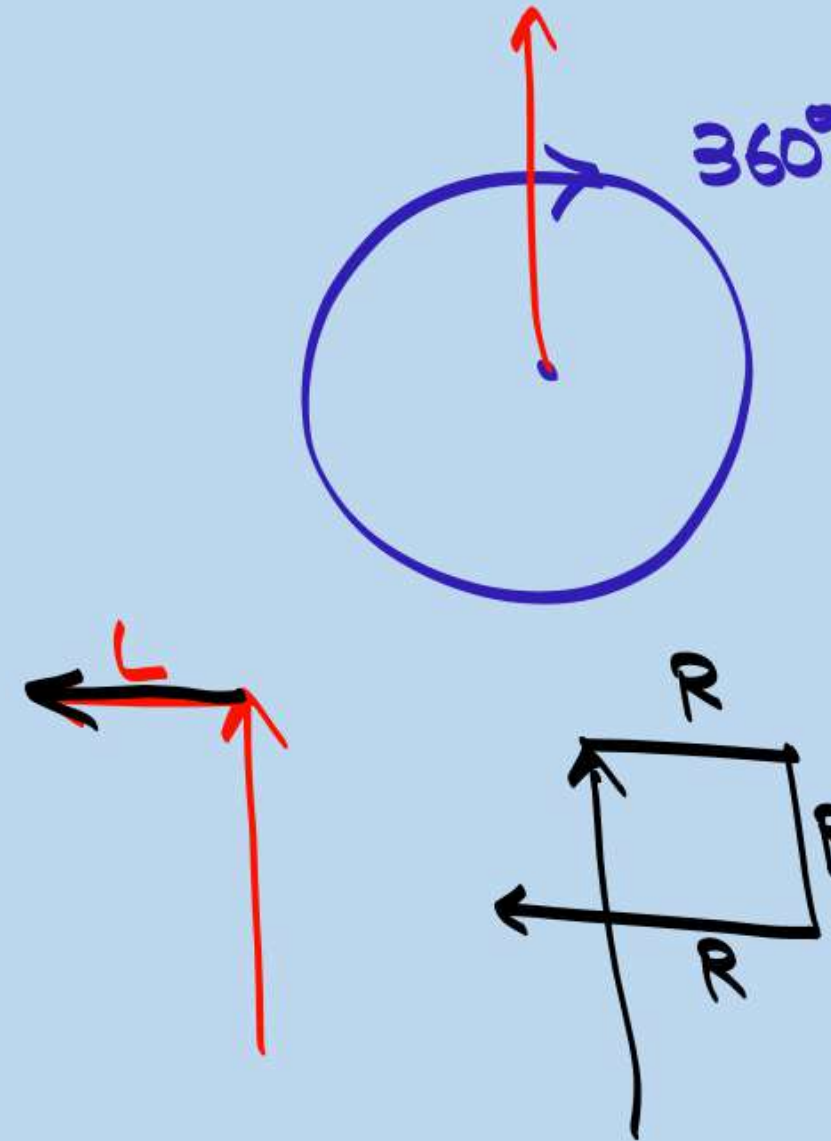
The Right Turn / दायाँ मोड़ ('R')

Right (दायाँ) = 90°

(A) R R R R = Same Direction ✓
L L L L (समान दिशा)

(B) R R = Opposite Direction
L L (विपरीत दिशा)

(C) R R R = Left (L)
L L L = R (बाएं)



R R R R = Same ✓
90° 90° 90° 90°
360°

Angle (कोण)

East $\xrightarrow{\quad}$ North

West $\xrightarrow{\quad}$ South

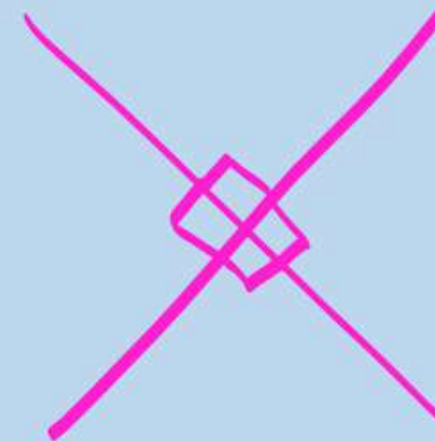
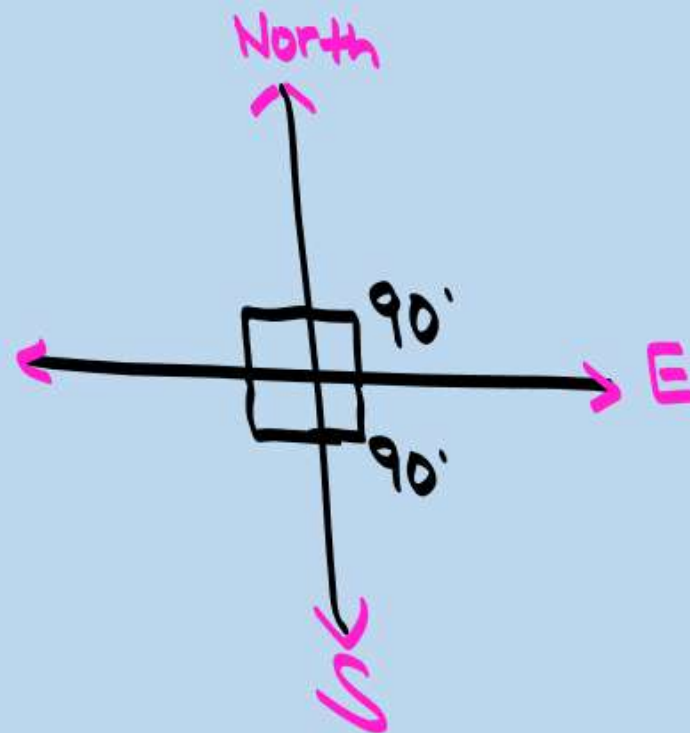
एक बिन्दु के चारो तरफ का कुल कोण = 360°

The total angle around a point = 360°

North $\rightarrow$ R $\rightarrow$ East

R
South

North $\leftarrow$ R $\leftarrow$ West

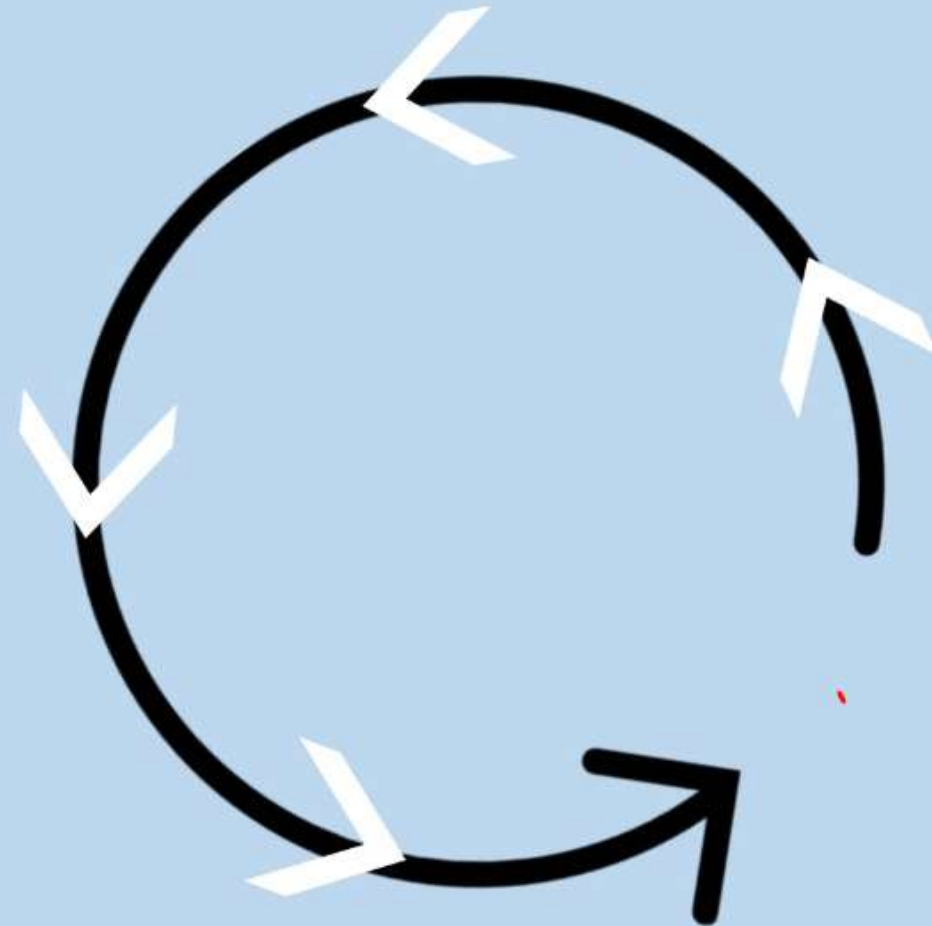


Turn (घुमाव / मोड़)

Anti Clockwise
(वामावर्त):-

घड़ी की ~~विपरीत~~ दिशा में
in the opposite direction of a clock

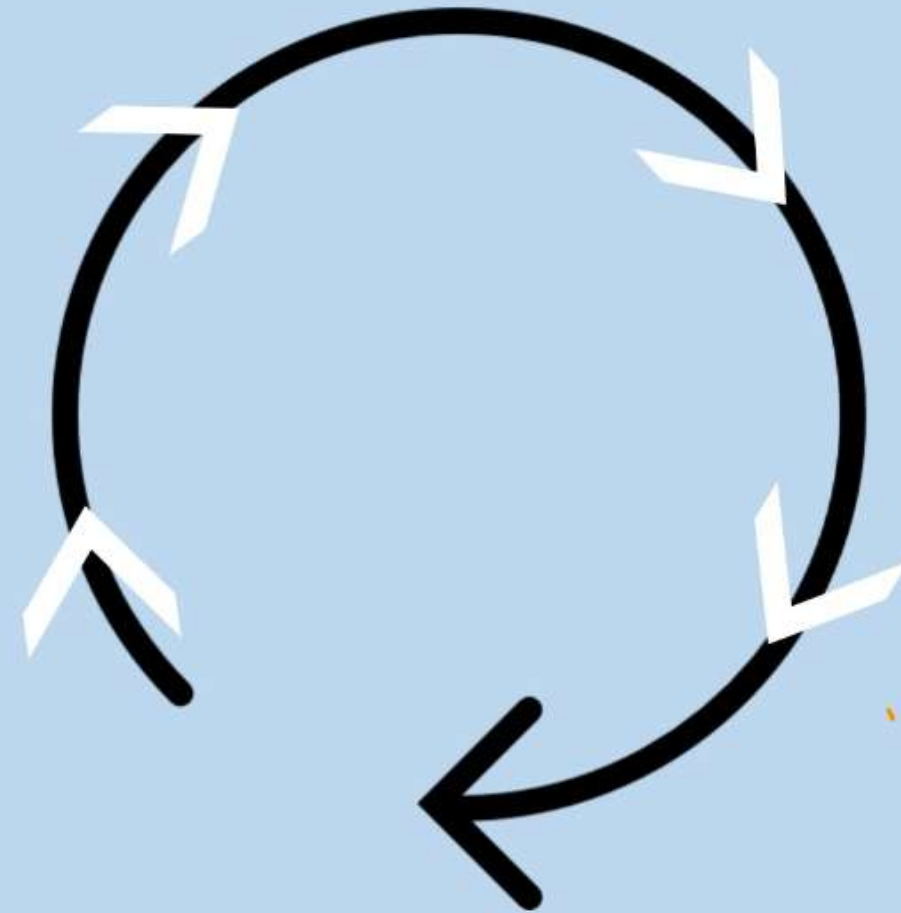
Left = Anti-clockwise



Turn (घुमाव / मोड़)

Clockwise (दक्षिणावर्त):- घड़ी की दिशा में (in the direction of a clock)

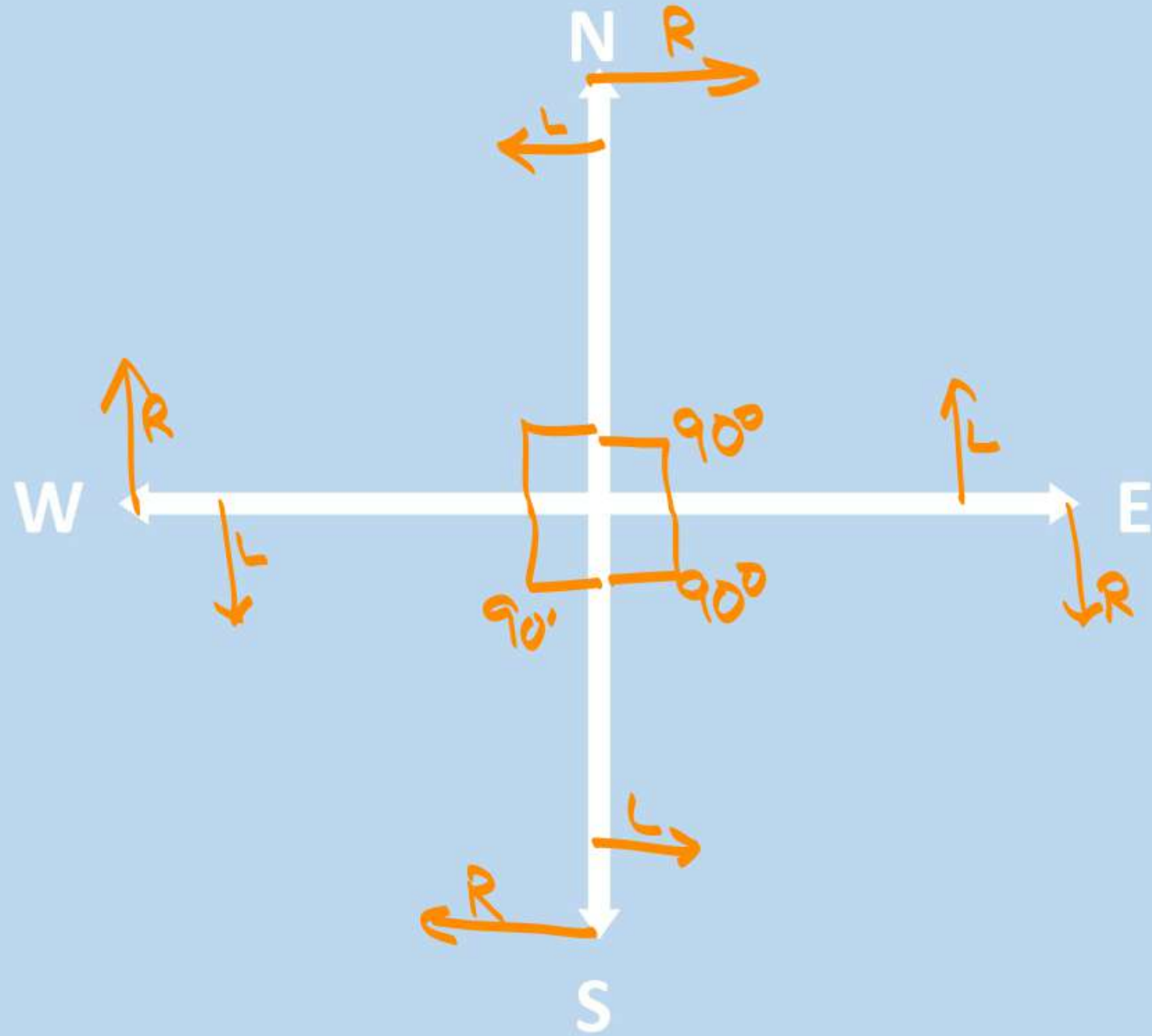
Right = clockwise ✓





Basic Concepts

मुख्य दिशाएँ (Major Directions)





Basic Concepts

उपदिशाएँ (Cardinal Directions)

जब पूछा जायेगा
A, B, C, D → N-E ✓

