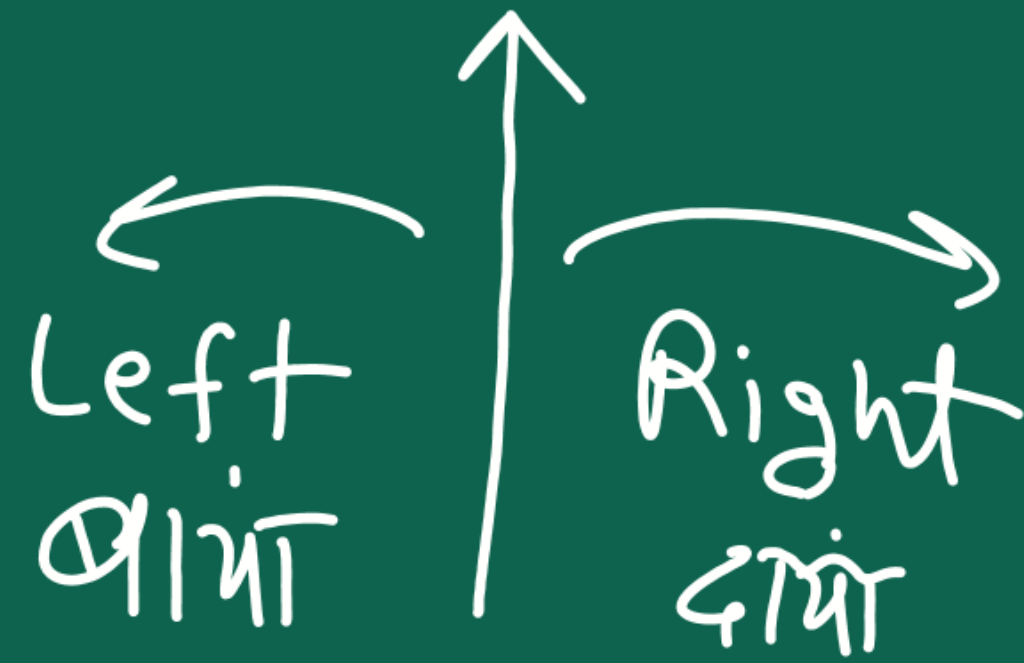


Order & Ranking

क्रम निर्धारण



Part - 1

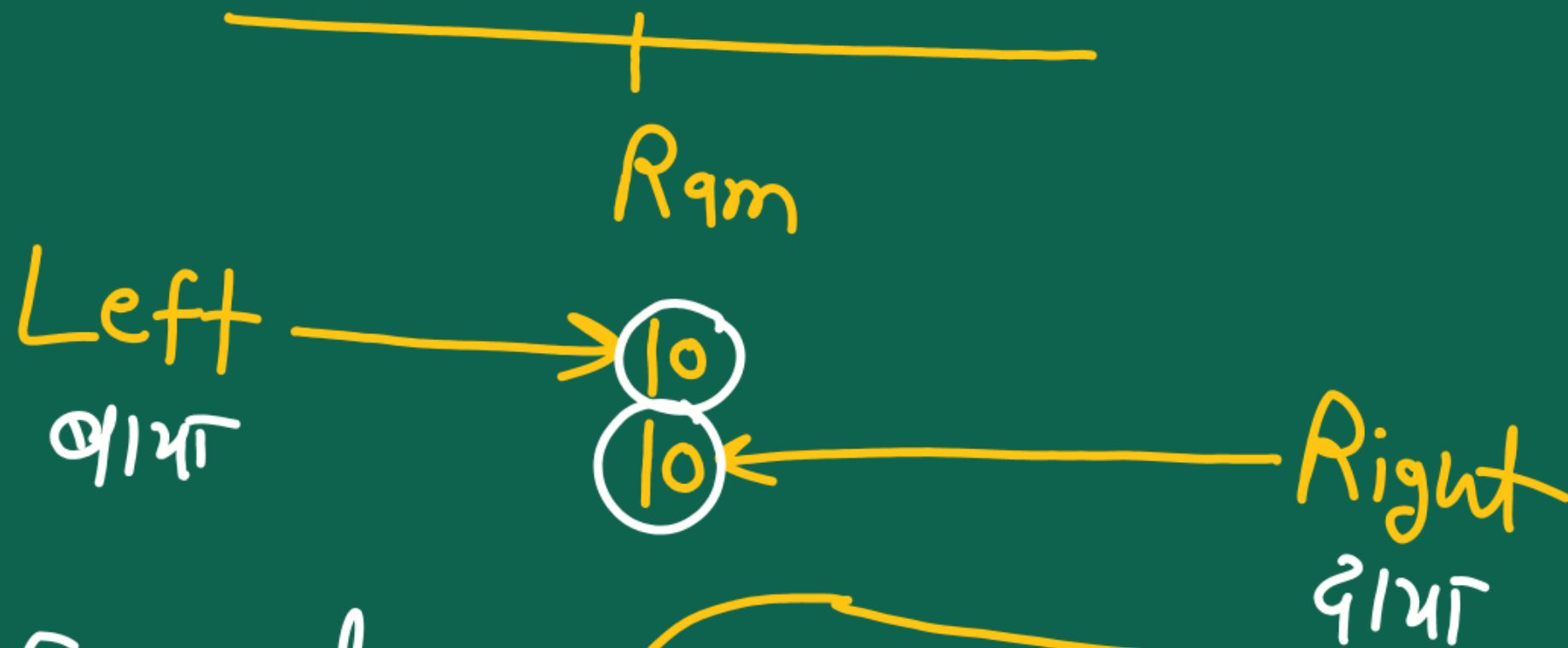


Left / Start / Before / Top / Anticlock wise

बायाँ
आरम्भ
आगे
घड़ी की विपरीत दिशा
वामावर्त
ऊपर
पहले

दाया
अन्तिम
पीछे
घड़ी की दिशा
दक्षिणावर्त
नीचे
पछा में

→ Right
Last
After
Clockwise
Bottom



Formula $\Rightarrow$ $\text{Total} = \text{Left} + \text{Right} - 1$



R_{qm}

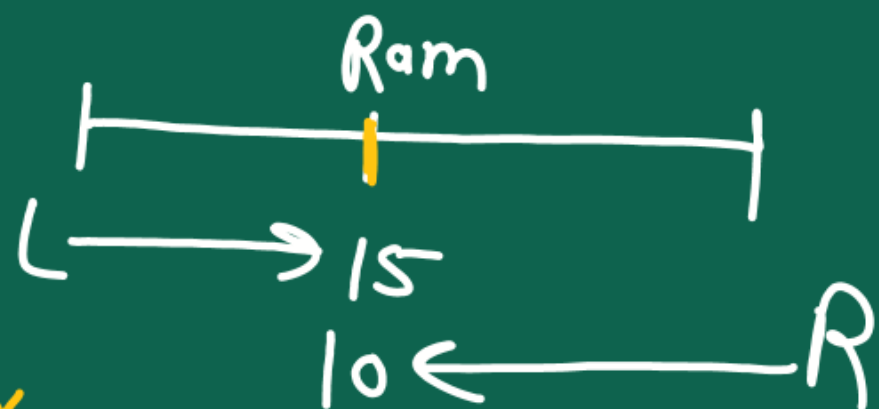


(I)

Ram_L → 15

Ram_R → 10

Total = ?



* $T = L + R - 1$ *

$T = 15 + 10 - 1 = 24$

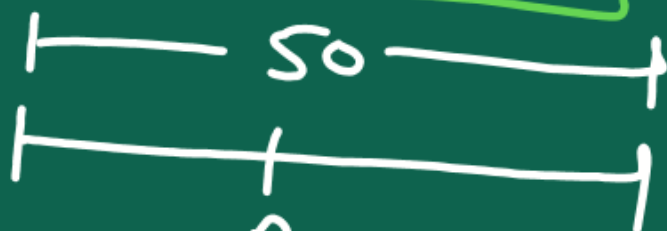
(II)

Total = 50

Ram_L → 20

Ram_R → ?

$T = L + R - 1$



$50 = 20 + R - 1$
 $50 - 19 = R$ $R = 31$

(III)

Total = 40

Ram_R → 18

Ram_L → ?

$T = L + R - 1$

$40 = L + 18 - 1$

$40 - 17 = L$

$23 = L$

Left $\rightarrow (T+1) - R$

Right $\rightarrow (T+1) - L$

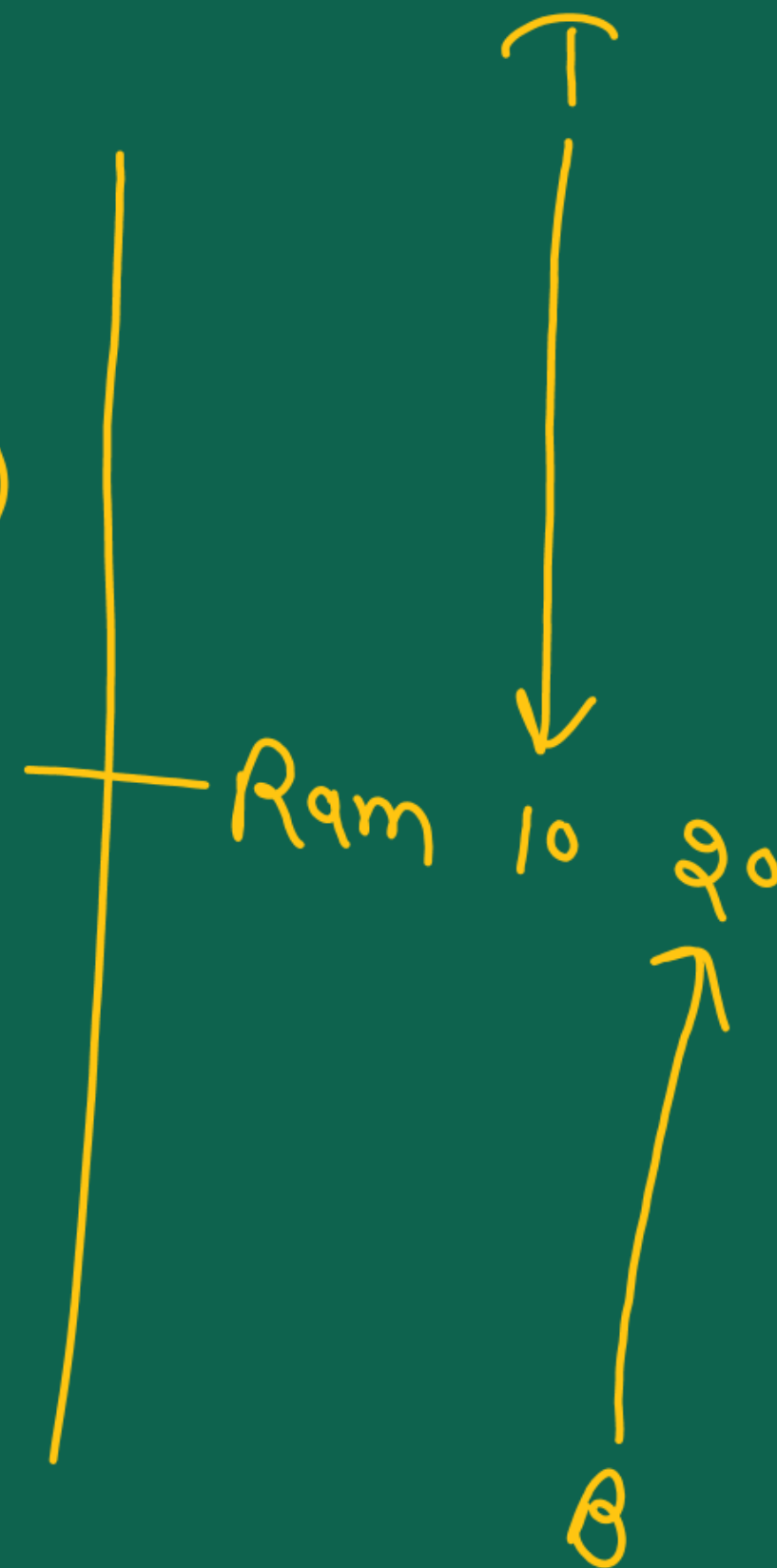
Ram_{Top} → 10
Ram_{Bottom} → 20
Class_{Total} → ?

$$T = T_p + B_m - 1$$

$$10 + 20 - 1$$

$$T = 29$$

Ans



Mid person
बीच में बैठे व्यक्ति

$$\text{Total} > (\text{Left} + \text{Right})$$

Separate case
अलग - २

$$\text{Total} \rightarrow 55$$

$$\text{Mohan}_L \rightarrow 15$$

$$\text{Shyam}_R \rightarrow 20$$

$$\text{Mid person} = 9$$

बीच में बैठे व्यक्ति

$$\text{Left} \rightarrow 15$$

Shyam

$$20$$

Right

$$\text{Mid} = 55 - (15 + 20) \Rightarrow 55 - 35 = 20$$

Imp.

Que-I

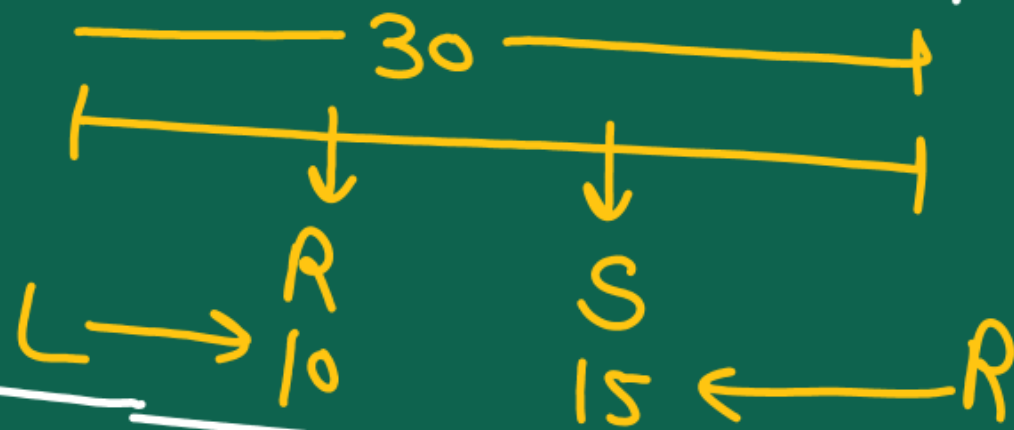
$R_L \rightarrow 10, S_R \rightarrow 15, T = 30, \text{Mid} = ?$

$$\text{Total} > (\text{Left} + \text{Right})$$

$$30 > (10 + 15)$$

$$30 > 25$$

→ नौ Separat Case धनैगा।



$$\begin{aligned} 30 - (10 + 15) \\ 30 - 25 \\ = 5 \text{ Am.} \end{aligned}$$

$$\text{Mid person} = \text{Total} - (L + R)$$

Que-II

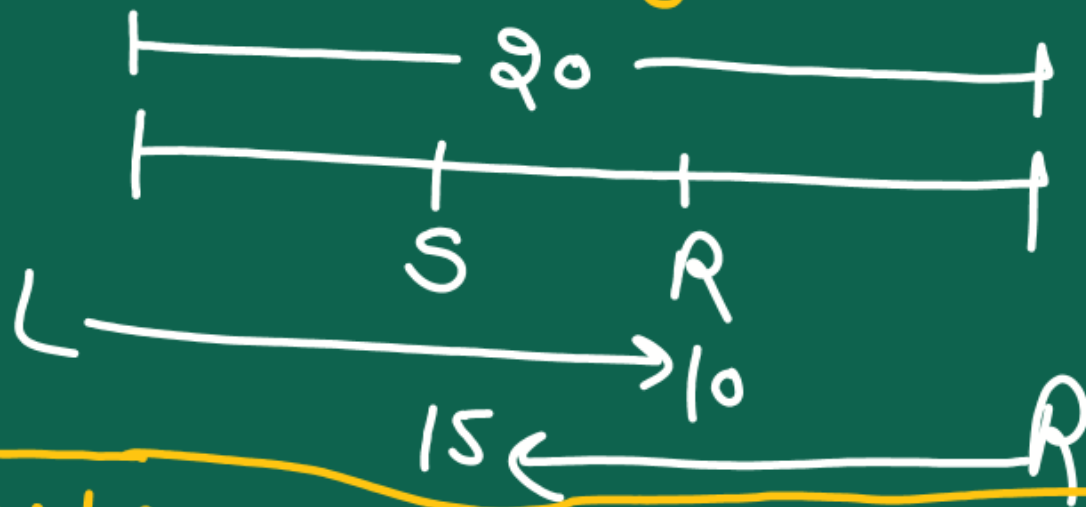
$R_L \rightarrow 10, S_R \rightarrow 15, T = 20, \text{Mid} = ?$

$$(\text{Left} + \text{Right}) > \text{Total}$$

$$(10 + 15) > 20$$

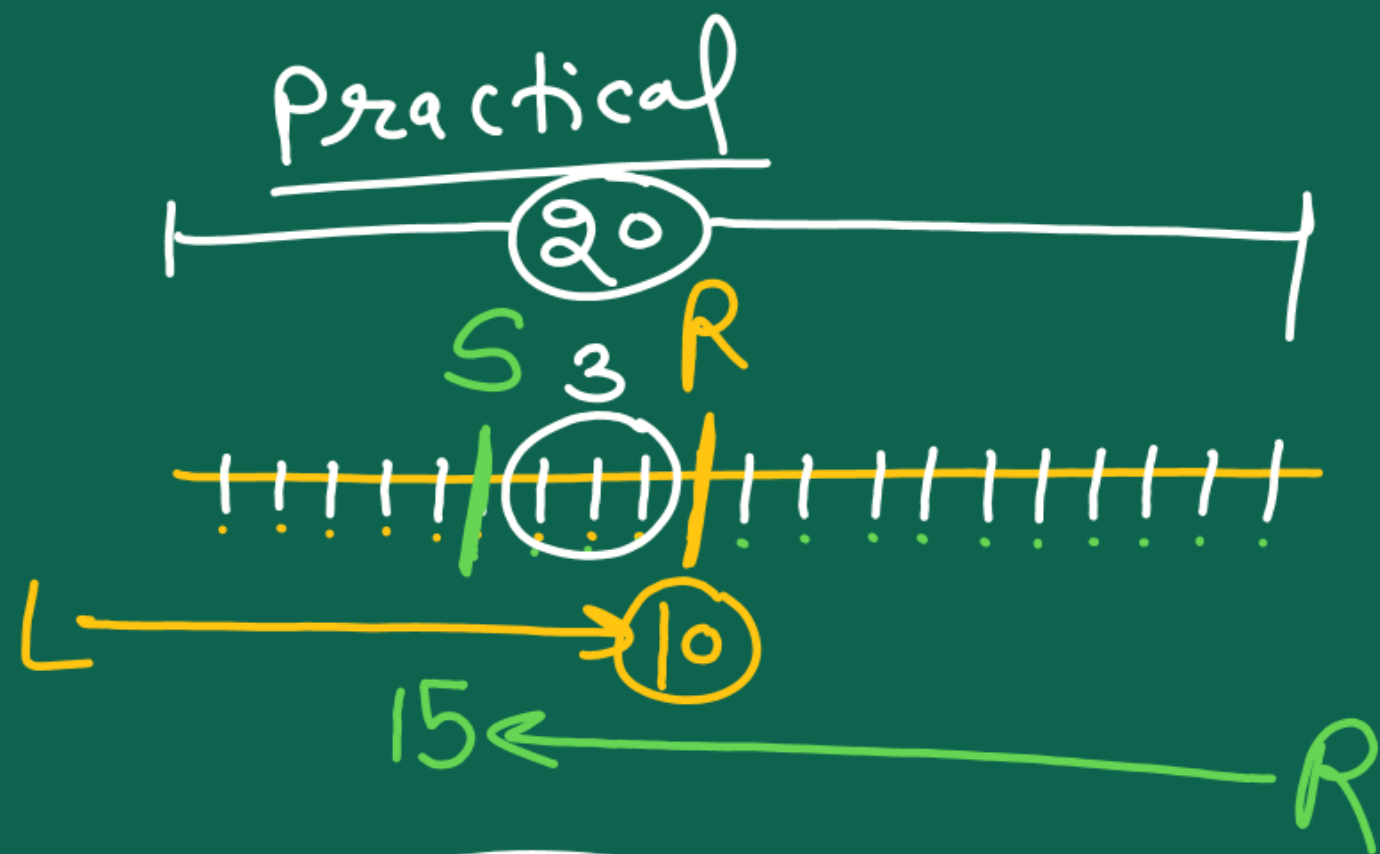
$$25 > 20$$

→ Overlapping Case धनैगा।



$$\begin{aligned} (10 + 15) - 20 \\ 25 - 20 \\ = 5 \text{ Am.} \end{aligned}$$

$$\text{Mid person} = (\text{Left} + \text{Right}) - \text{Total} - 2$$



Overlapping Case
 एक दूसरे को क्रॉस कर रहे

$$\text{Mid} = (L + R) - T - 2$$

$$\text{Mid} = (10 + 15) - 20 - 2$$

$$25 - 22 = 3 \text{th}$$

$$T > (L+R)$$

$$\text{Mid person} = \text{Total} - (L+R)$$

$$\text{Total} = (\text{Left} + \text{Right} + \text{Mid})$$

कुल = (बाया + दाया + बीच)

Maximum / अधिकतम

(Separate Case)

$$(L+R) > T$$

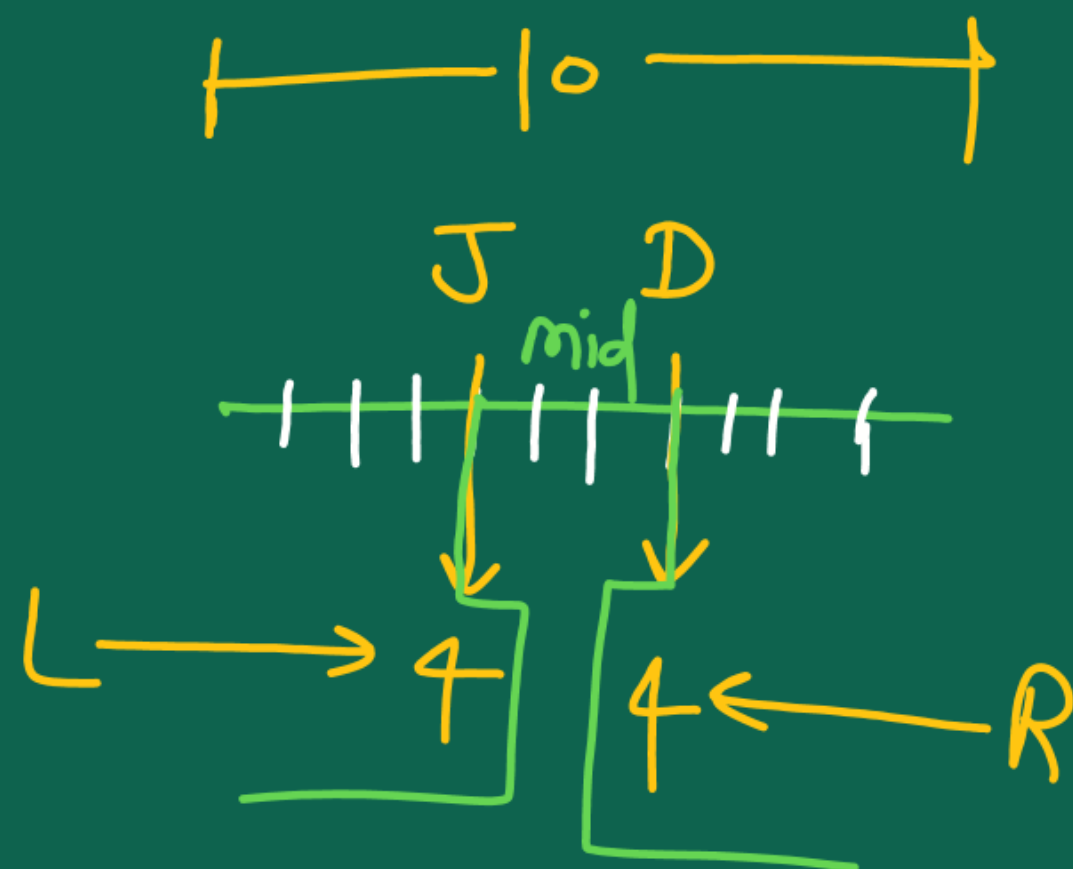
$$\text{Mid person} = (L+R) - \text{Total} - 2$$

$$\text{Total} = (L+R) - \text{Mid} - 2$$

कुल (बाया + दाया) - बीच - 2

Minimum / न्यूनतम

Overlapping Case



$$10 - (4 + 4)$$

$$10 - 8 = \textcircled{2}$$

Thank You
Keep Smile Always

