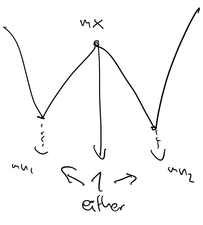
R681

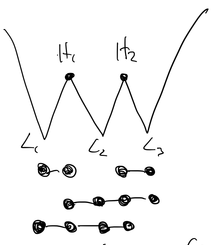
Friday, 20 November 2020 06:47

11 7 9 6 8
10 6 8 6 8
10 6 7 5 8
9 5 6 5 8
9 5 5 4 8
8 4 4 4 8 (V)

ok



$mx \le mn_1 + mn_2$



$H_2 \le L_1 + \min(L_2, L_3)$

⇓ generalize

$\forall_i \; H_i \le \min(\overleftarrow{L_{\le i}}) + \min(\overrightarrow{L_{\ge i}})$

~~Why~~ is this enough ??? ↗

NO! But it's easier than that....

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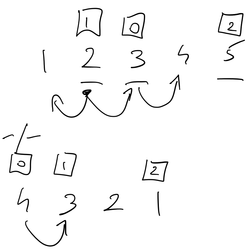
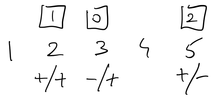
1 2 3 4 5
— — × —



For each index count (ℓ, r):

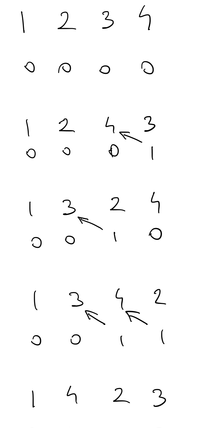
(# of options) to $\le$, $\ge$

just look @ index by number needed before!



-/- ⇒ answer 0

otherwise: $2^{\#(+,+)}$



last 2 numbers modified!