

Node A generate puzzles

1	2	3
3	0	2
2	3	1

1	2	3
3	1	2
2	3	1

Node A solves
 $H = 3$

1	2	3
3	2	2
2	3	1

Node B solves
 $H = 3$

1	2	3
3	3	2
2	3	1

Node C solves
 $H = 1$

discards 3
as possible

sends to A

takes A task

is not a solution

Node C solves

stop solving

sends to A

send stop

stop solving

is solution