




1. A town has three hotels. You have 10 vouchers for one-night stay for the first hotel, 15 for the second one, and 20 for the third one. The rules do not allow you to use vouchers for two consecutive nights in one hotel. Can you use them all for  $10 + 15 + 20 = 45$  consecutive nights changing the hotels each night?

1 point

Discuss the puzzle [here](#).



Current path: C, B, A, C, B, C, B, C, A, C, B, A, C, B, C, B, C, A, C, B, A, C, B, C, B, C, A, C, B, A, C, B, C, B, C, A, C, B, A, C, B, C, B, C, A

Number of vouchers remaining:  $0 + 0 + 0 = 0$

Undo

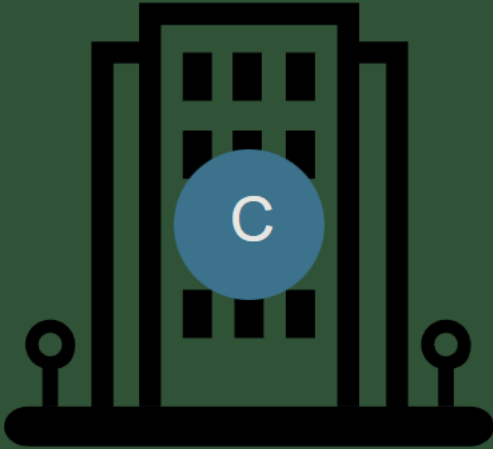

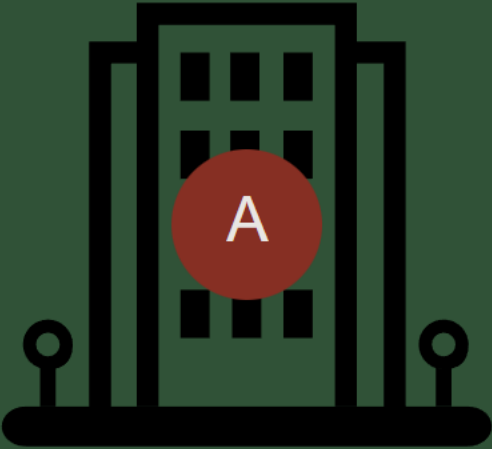
It's impossible

Reset

 Expand

2. A town has three hotels. You have 10 vouchers for one-night stay for the first hotel, 15 for the second one, and 30 for the third one. The rules do not allow you to use vouchers for two consecutive nights in one hotel. Can you use them all for  $10 + 15 + 30 = 55$  consecutive nights changing the hotels each night?

1 point



Current path: A

Number of vouchers remaining:  $9 + 15 + 30 = 54$

Undo

It's impossible

Reset

 Expand