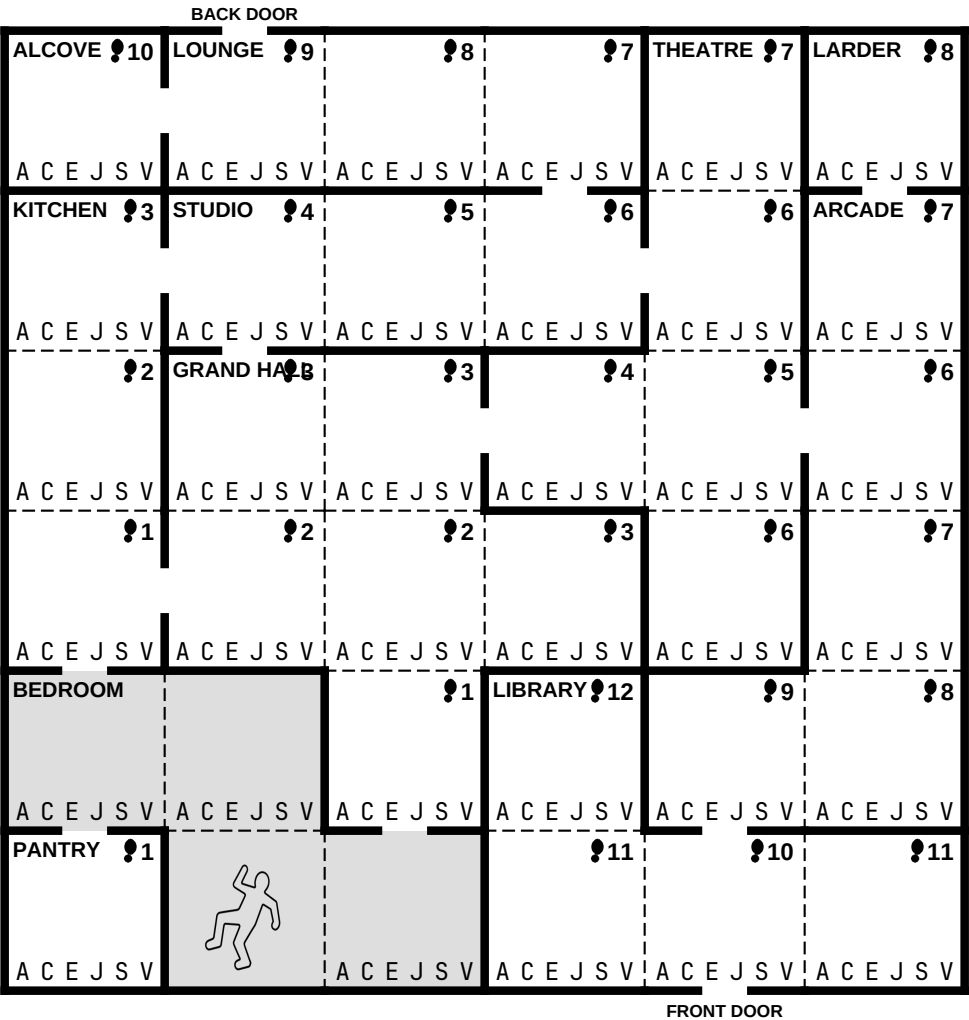


Find where all six suspects stood. There is exactly one suspect in each row and in each column, and never more than one suspect in a room. The murder room (shaded, with the body) holds exactly one suspect: the killer. The small letters in each square are the suspects who could still be standing there - cross them out as you rule them out. The number beside the footprint is the fewest steps from that square to the murder room (a step is a move to a neighboring square; walls can only be crossed through doors).



Suspects


Archie (M)


Cheyenne (F)


Emma (F)


Jameson (M)


Sonny (M)


Valentino (M)

ROOM	SQ	DOORS
Grand Hall	6	4
Theatre	5	3
Arcade	5	3
Bedroom	4	3
Library	4	2
Lounge	3	3
Kitchen	3	3
Studio	3	4
Alcove	1	1
Larder	1	1
Pantry	1	1

Clues

1. Neither Archie nor Jameson was in the murder room, but every route between them passed through it.
2. Sonny needed fewer steps to reach Archie than any other suspect did.
3. Sonny's and Emma's shortest routes into the murder room required the same number of steps.
4. Cheyenne's shortest route to Valentino's position required exactly 4 steps.
5. Cheyenne's room was exactly twice the size of Sonny's.