

Room no.

327A

Door

Board

1	A B A B	A B A B
2	A B A B	A B A B
3	A B A	A B A B
4	A B A B	A B A B
5	A B A B	A B A B
6	A B A B	A B A B
7	A B A B	A B A B
8	A B A B	

$$A = 30$$

$$B = 29$$

$$\hline 59$$