

Door

Board

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

$$A = 35$$

$$B = 28$$

$$= 63$$