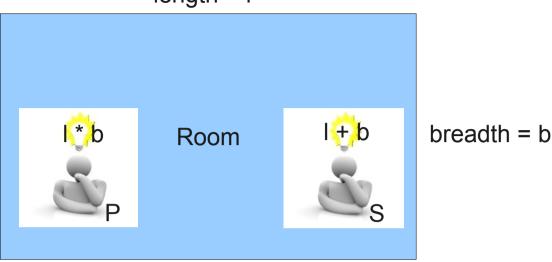
## length = I



Common knowledge (everybody knows that everybody knows):

- 1) I and b are integers, 2 <= b <= I <= 99
- 2) P (product) knows I \* b (but S does not, and P does not tell him).
- 3) S (sum) knows I + b (but P does not, and S does not tell him).

## Conversation:

P: "I don't know I or b."

S: "I knew that."

S: "I don't know I or b either."

P: "Now I know I and b."

S: "Now I know I and b."

## Question:

What are I and b?