Possible Solutions

Number of Rooms (Input)	Process	Number of Walls (Output)
1	1 x 4	4
2	2 x 4	8
3	3 x 4	12
4	4 x 4	16
6	6 x 4	24
10	10 x 4	40

Number of Rooms (Input)	1	2	3	4	6	10
Process	1 x 4	2 x 4	3 x 4	4 x 4	6 x 4	10 x 4
Number of Walls (Output)	4	8	12	16	24	40

- The number of rooms times 4 equals the number of walls.
- The number of walls divided by 4 equals the number of rooms.
- Number of rooms x 4 = number of walls
- Number of walls ÷ 4 = number of rooms
- For every 1 room, there are 4 walls.
- For every 4 walls, there is 1 room.
- There is an additive relationship between the related number pairs. As the number of rooms increase by 1 (+1), the number of walls increase by 4 (+4).
- There is a multiplicative relationship of x 4 between the number of rooms and the number of walls.