

Tatami mats.

Tatami mats are used instead of rugs in Japan. They measure 6 feet by 3 feet. The size of a room is measured by Tatami mats.

Draw a room 12 feet by 12 feet. How many mats needed to exactly cover the floor?

Draw a smaller room and choose the dimensions to fit Tatami mats.

Draw a larger room and choose the dimensions to fit Tatami mats.

Room 4: 11 feet wide and 15 feet long.

Room 5: 15 feet wide and 18 feet long.

Room 6: 9 feet wide and 9 feet long.

How do you decide how many Tatami mats can cover the floor without drawing the floor plan.

Write a rule for any room, no matter what length and width.

