

# **2.G Partitioning a Rectangle into Unit Squares**

## **Task**

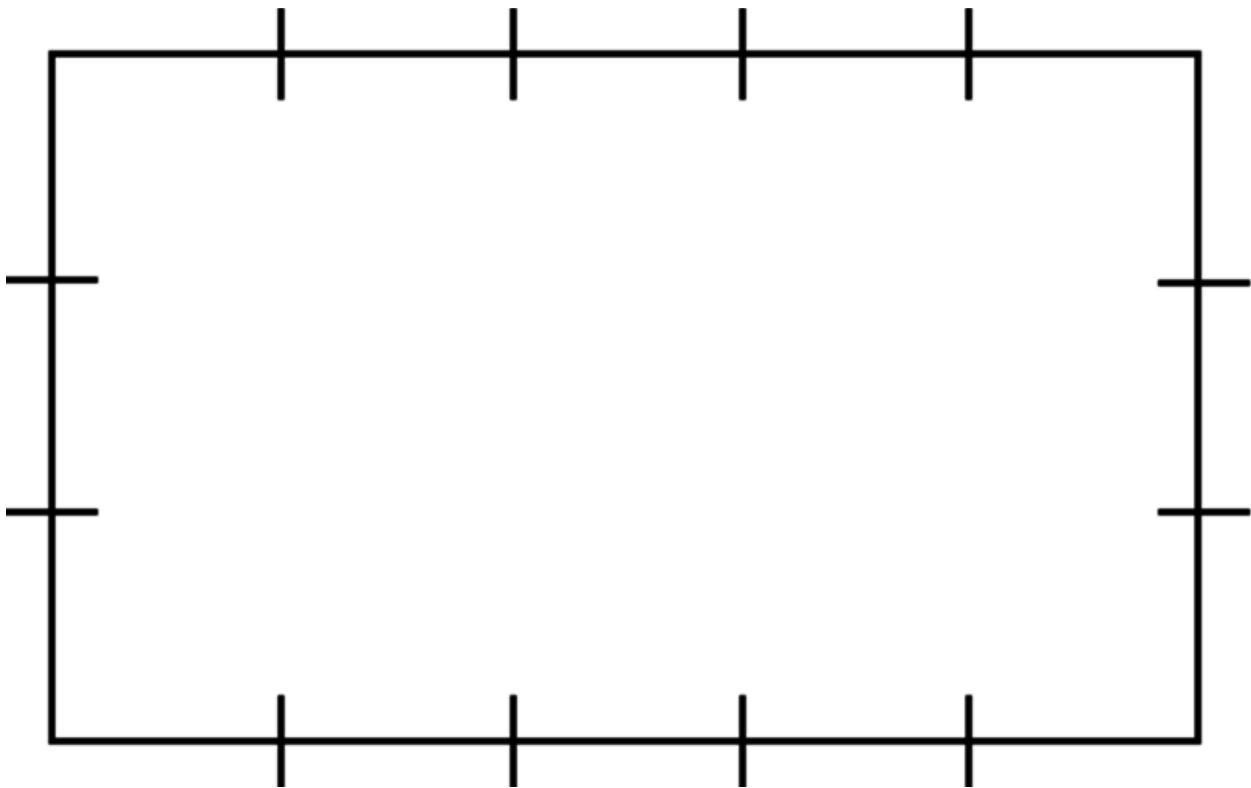
### **Materials**

- Copies of a rectangle with edges marked (one for each student/ group, see attached blackline master)
- A straight edge tool

### **Actions**

The teacher should guide students through these actions, as the text in this task is too complex for some second graders.

- a. Draw a grid on the rectangle by connecting each mark to the one directly across from it on the opposite edge.



b. The grid separates the rectangle into many little squares. How many squares are there?

c. There are five little squares in each row. Count by fives to find how many squares there are in the entire rectangle.

d. What other methods can you think of to quickly count how many squares there are in the entire rectangle?

e. Write a number in each little square to count them and show that your answers are correct.

f. One number sentence which shows the total number of squares is  $3 + 3 + 3 + 3 + 3 = 15$ . Write another number sentence which shows the total number of squares.



