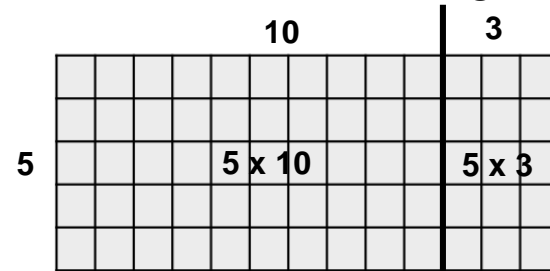
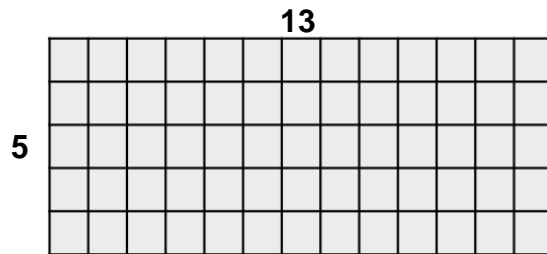


# Jack's Rectangles



**Materials:** pack of rectangles composed of unit squares

Jack needed to find the area of a rectangle that was 5 square units by 13 square units. He decided to use the distributive property to break the rectangle into smaller rectangles, and add the area of each smaller rectangle to find the total area.



$$\begin{aligned}5 \times 13 &= 5 \times (10 + 3) \\ \text{Rectangle 1: } 5 \times 10 &= 50 \\ \text{Rectangle 2: } 5 \times 3 &= 15 \\ 50 + 15 &= 65 \text{ square units}\end{aligned}$$

1. Use the distributive property to find the area of the rectangles in the pack. Show your multiplication and addition equations.
2. Share your work with a classmate. Did you break apart the rectangles in the same way? Explain.

Rectangle Pack: Copy on cardstock and cut out rectangles for use in center.

