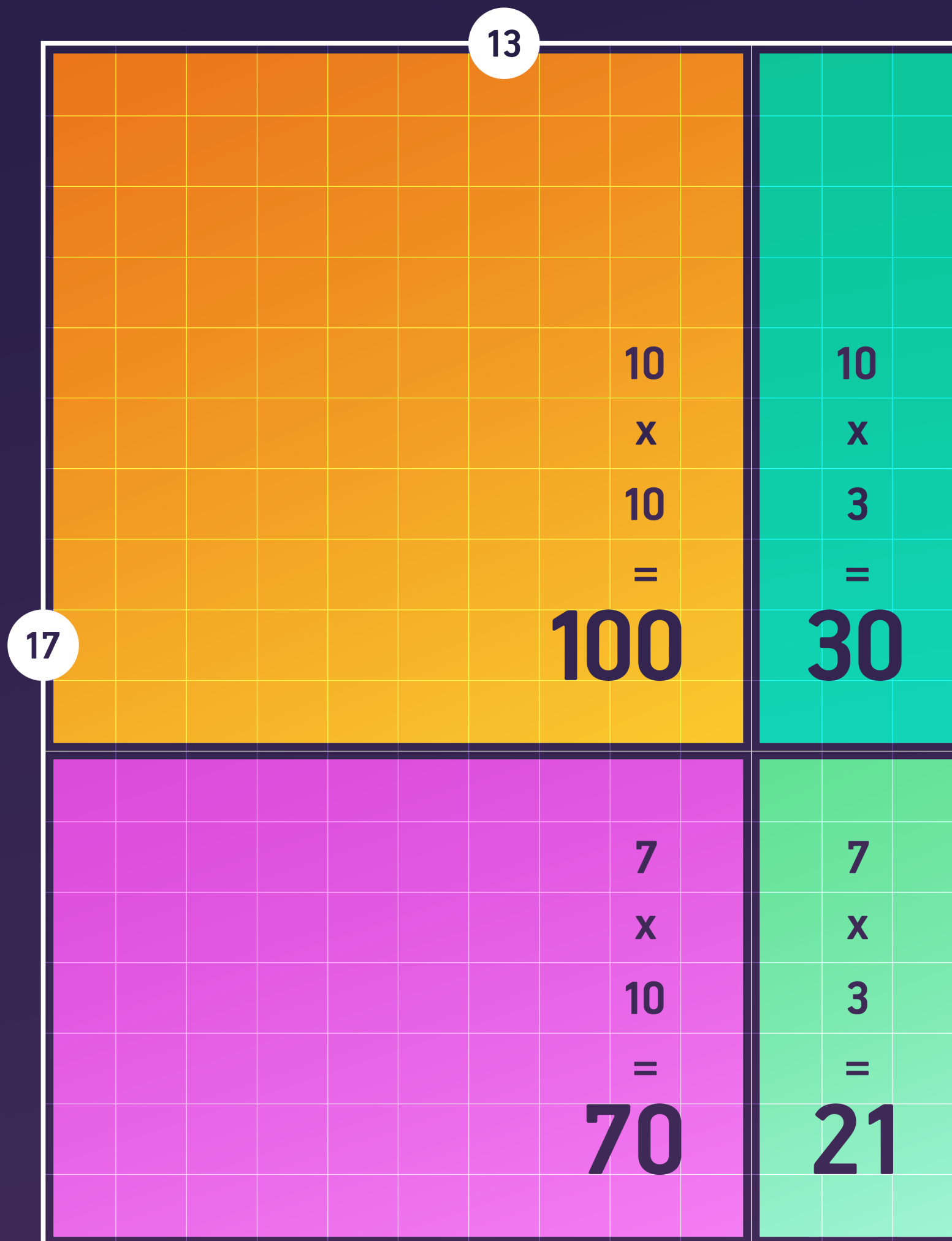


# 17 x 13

## Area Model



$$100 + 70 + 30 + 21 = 221$$

The area model is based on arrays. We can separate a bigger area into smaller parts and then add them up to find the final product. In this example, we see that a  $17 \times 13$  array can be separated into  $10 \times 10$ ,  $10 \times 7$ ,  $10 \times 3$ , and  $3 \times 7$ .