Mathematics

## 6.NS 2 Units Wide and 3 Units Long

## Task

Here is a rectangle that is 2 units wide and 3 units long and has an area of 6 square units.


If the unit length is one-tenth, then this rectangle could represent the equation $0.2 \times 0.3=$ ?


- Illustrative Mathematics

The two-by-three rectangle can also represent the following multiplication equations. For each one, draw a new rectangle and label the side lengths so it represents the multiplication equation. What is the area of a single square in the new rectangle? What is the product of the equation?
a. $2,000 \times 3,000=$ ?
b. $20 \times 30=$ ?
c. $0.02 \times 0.03=$ ?
d. $0.0002 \times 0.0003=$ ?

