

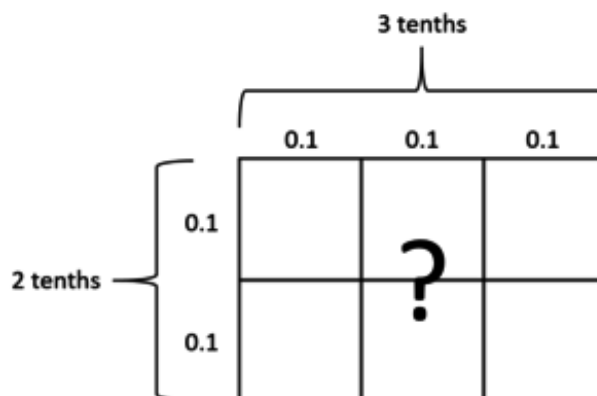
6.NS 2 Units Wide and 3 Units Long Long

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 $0.2 \times 0.3 = ?$.



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. $0.0002 \times 0.0003 = ?$



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