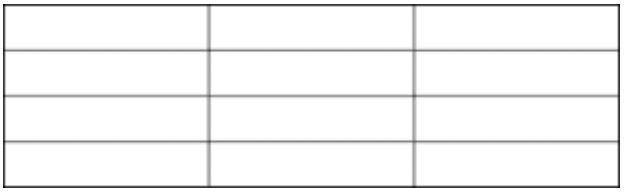
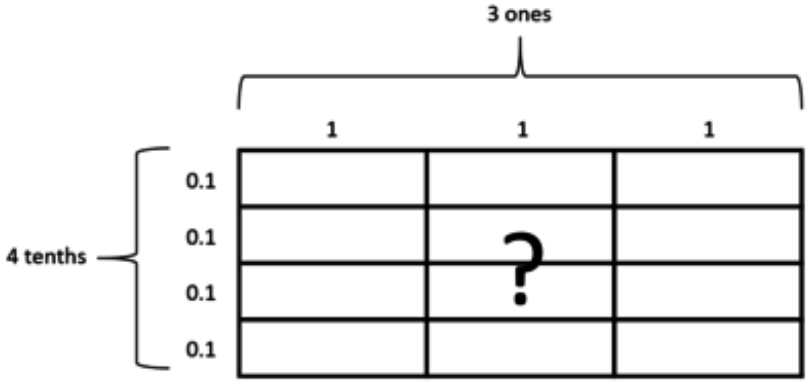
6.NS 12 Rectangular Units

Task

Here is a large rectangle made up of 12 smaller rectangles.



This rectangle could represent the equation $0.4 \times 3 = ?$ if we label as shown below.



The 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 small rectangle? What is the product of the equation?

a. $40 \times 300 = ?$

b. $0.04 \times 0.3 = ?$

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