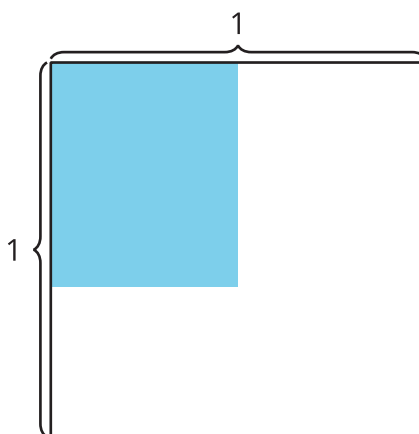# Lesson 5: Multiply a Unit Fraction by a Non-unit Fraction

- Let's multiply a unit fraction and a non-unit fraction.

Warm-up: Estimation Exploration: Shaded Rectangle

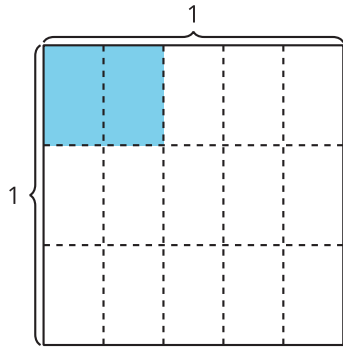What is the area of the shaded region?

Record an estimate that is:

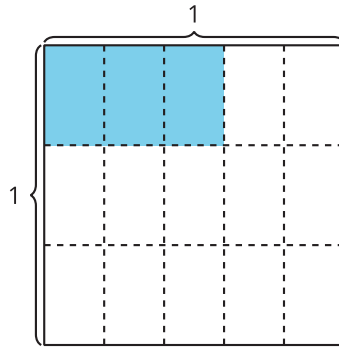| too low	about right	too high

5.1: Write Equations

1. Write a multiplication expression that represents the shaded region in each diagram.
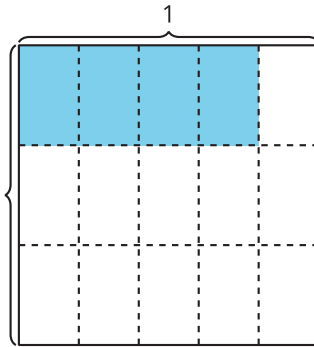
A   **B**   **C**

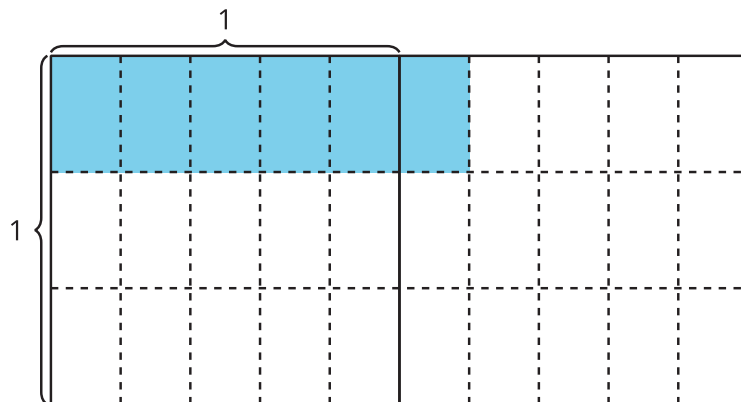2. What patterns do you notice in the multiplication expressions?

_____

_____

3. Han wrote this equation to represent the area of the shaded region. Explain how the diagram represents the equation.
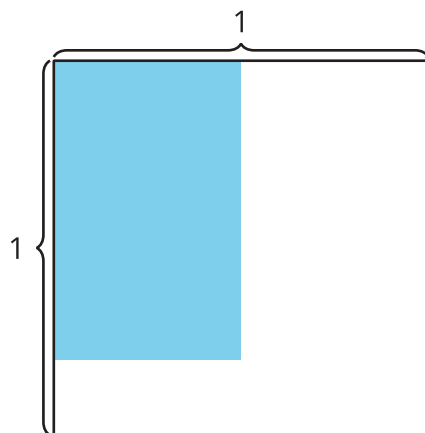
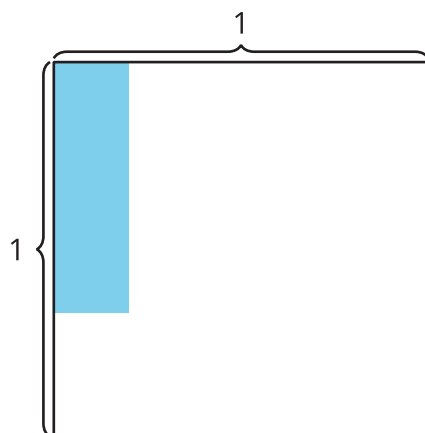$\frac{6}{5} \times \frac{1}{3} = \frac{6}{15}$

5.2: Estimate With Expressions

Write a multiplication expression that might represent the area of the shaded region. Be prepared to explain your reasoning.
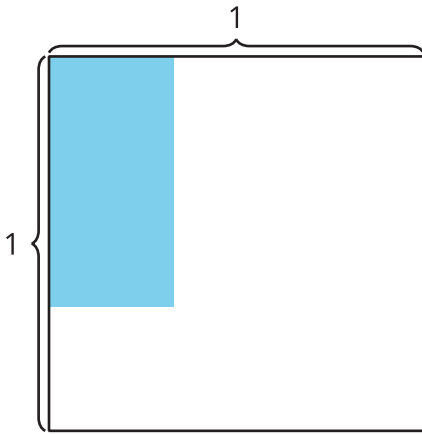
1.

2.

3.

4.