

Grade 5 Unit 3

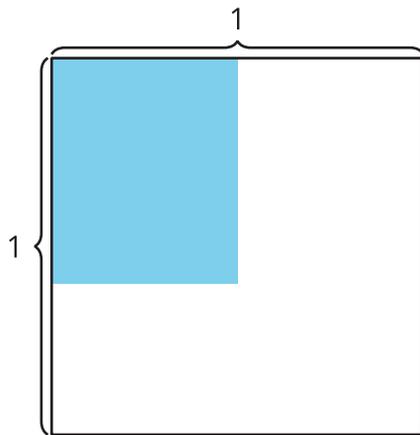
Lesson 5

CC BY 2021 Illustrative Mathematics®

Unit 3 Lesson 5: Multiply a Unit Fraction by a Non-unit Fraction**WU Estimation Exploration: Shaded Rectangle (Warm up)**

Student Task Statement

What is the area of the shaded region?



Record an estimate that is:

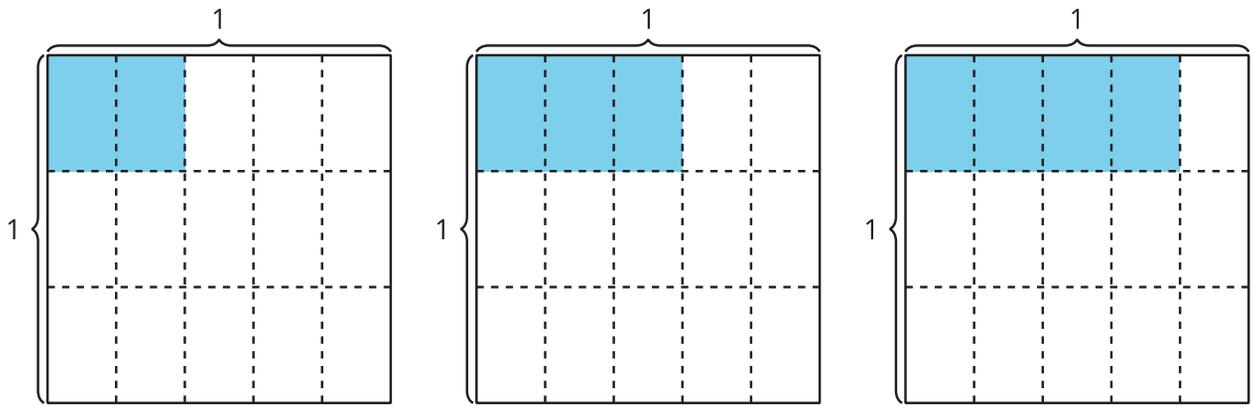
too low	about right	too high

1 Write Equations

Student Task Statement

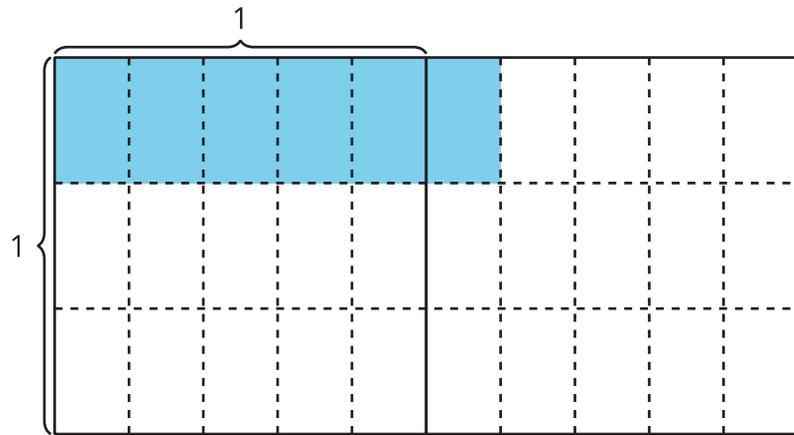
1. Write a multiplication expression that represents the shaded region in each diagram.

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.

$$\frac{6}{5} \times \frac{1}{3} = \frac{6}{15}$$

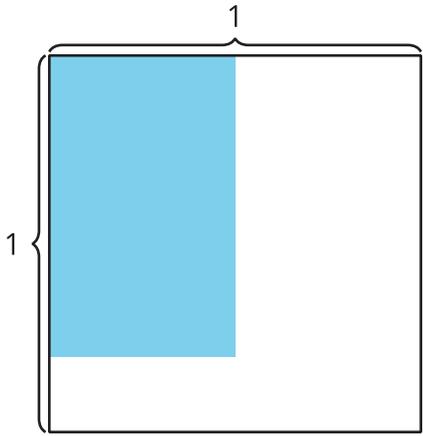


2 Estimate With Expressions

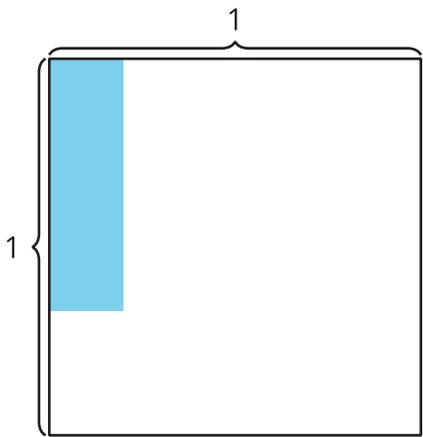
Student Task Statement

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

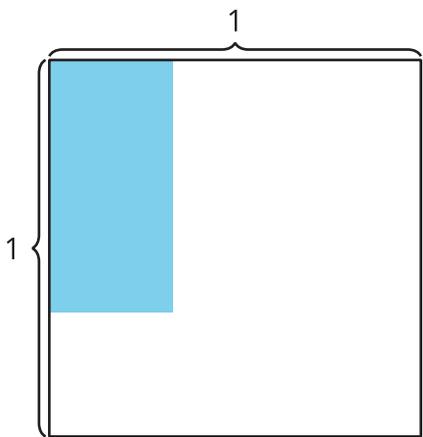
- 1.



2.



3.



4.

