## 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
1. What patterns do you notice in the multiplication expressions?
2. Han wrote this equation to represent the area of the shaded region. Explain how the diagram represents the equation.
* $\frac{6}{5}×\frac{1}{3}=\frac{6}{15}$
* 

### 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.
* 
1.
* 
1.
* 
1.
* 



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