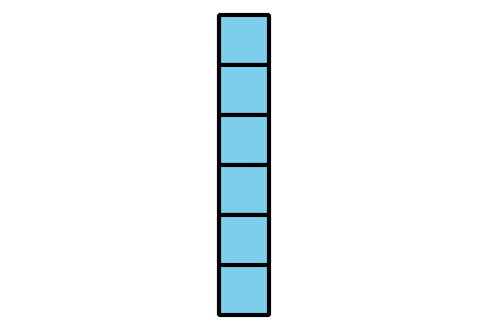
## Lesson 9: Relate Area to Multiplication

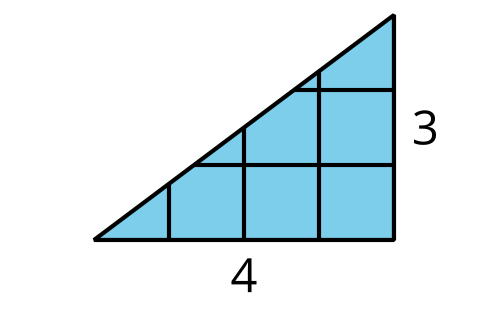
* Let’s explore the area of rectangles with one side length that is a unit fraction.

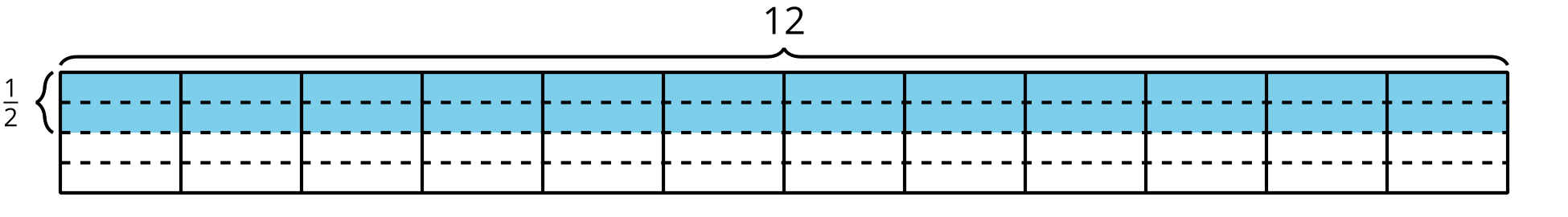
### Warm-up: Which One Doesn’t Belong: Area

Which one doesn’t belong?

A

B

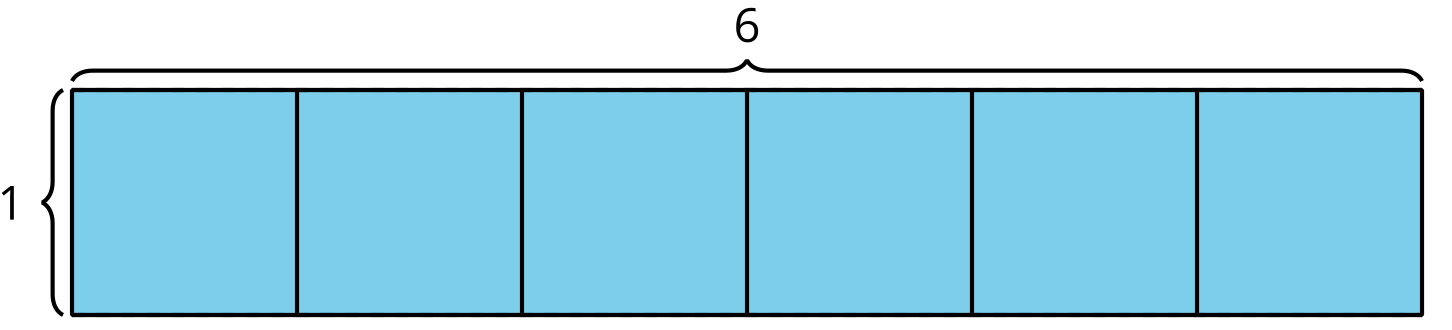
C

D

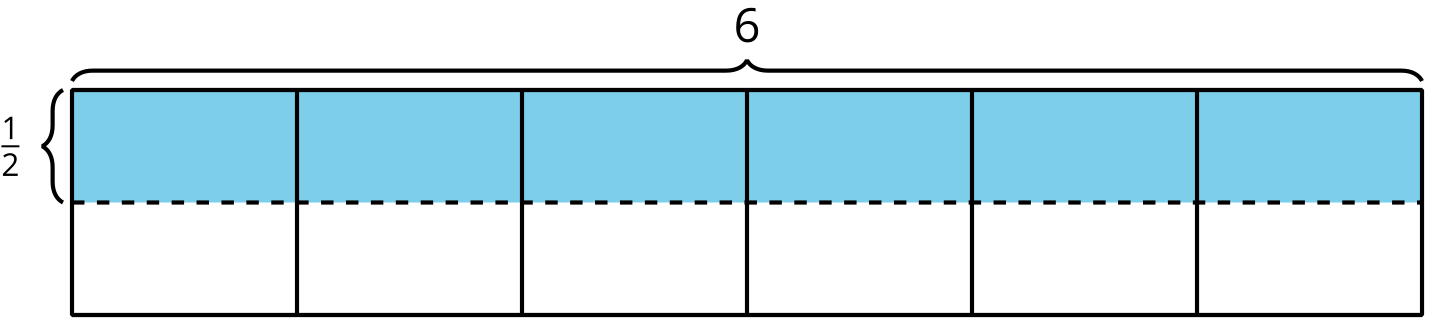
### 9.1: Find the Area

Find the area of the shaded region. Explain or show your reasoning.

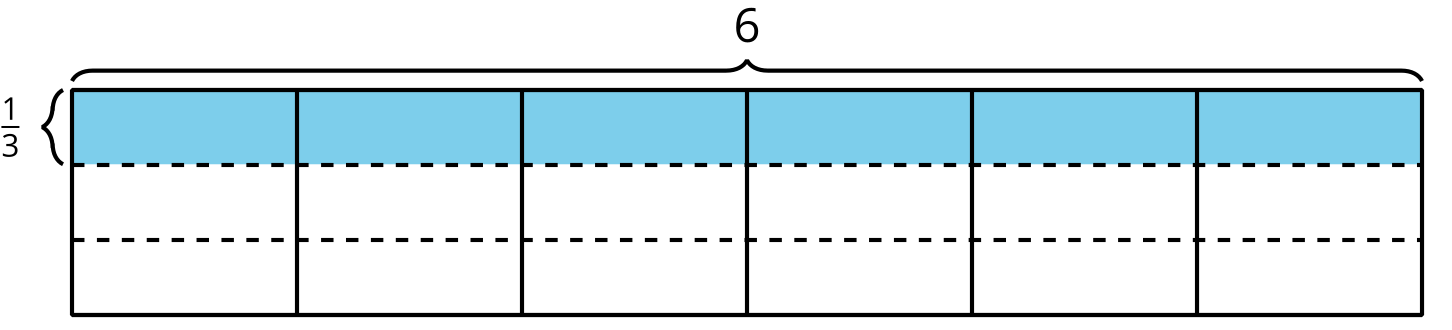


* 

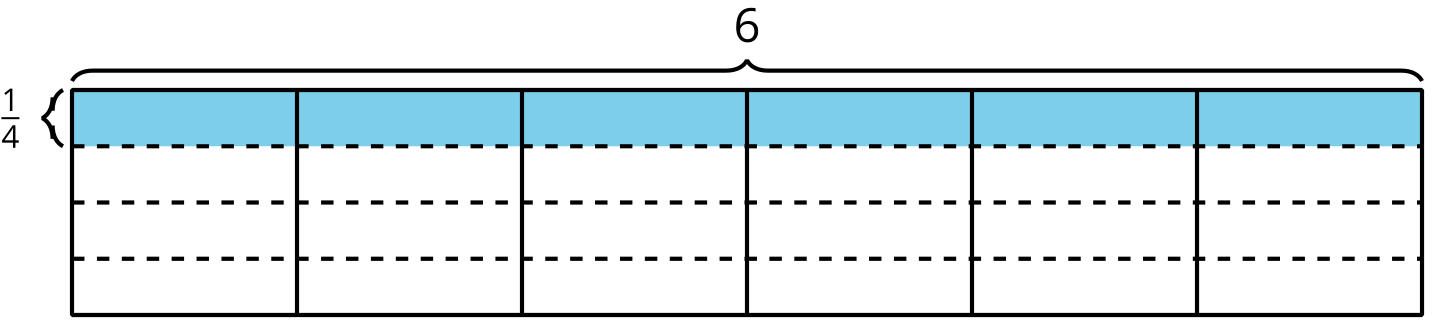


* 



* 



* 

### 9.2: Draw Rectangles

1. Represent each rectangle on grid paper:
   * unit by 1 unit
   * unit by 2 units
   * unit by 3 units
   * unit by 4 units
2. Find the area of each rectangle that you drew.
3. What information do you need to find the area of the shaded region?

* 

1. What might the area of the shaded region be? Explain or show your reasoning.



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