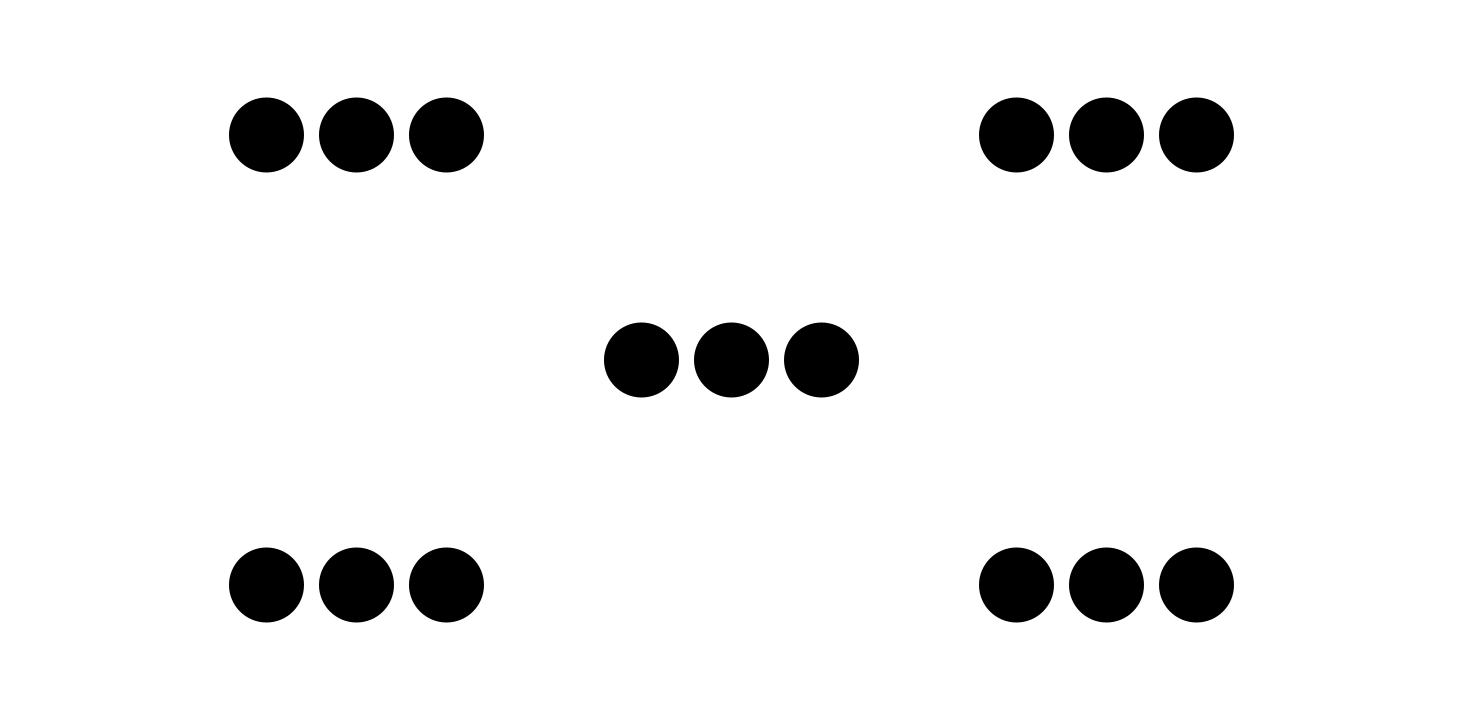
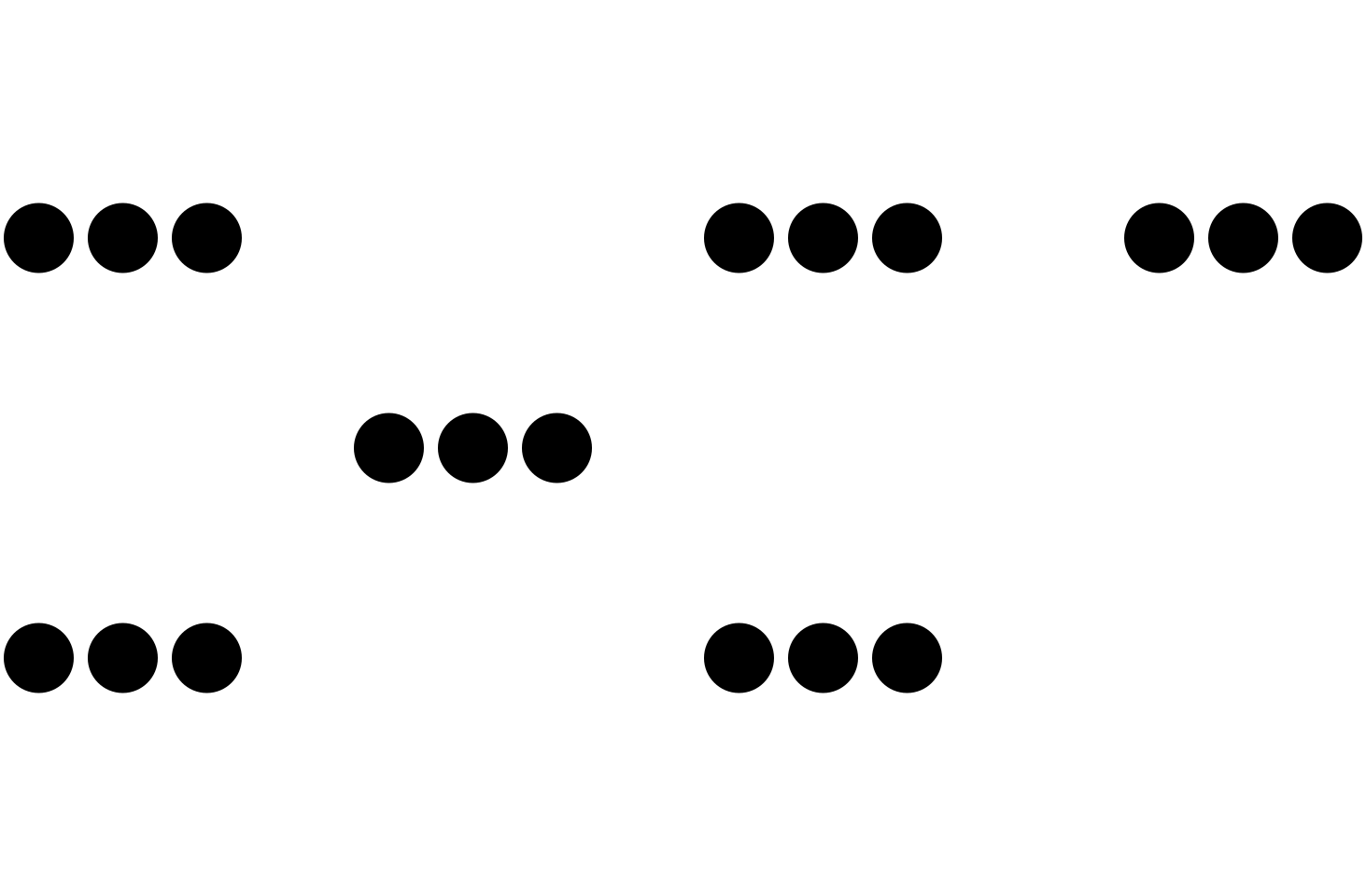
## Lesson 5: Represent Products as Areas

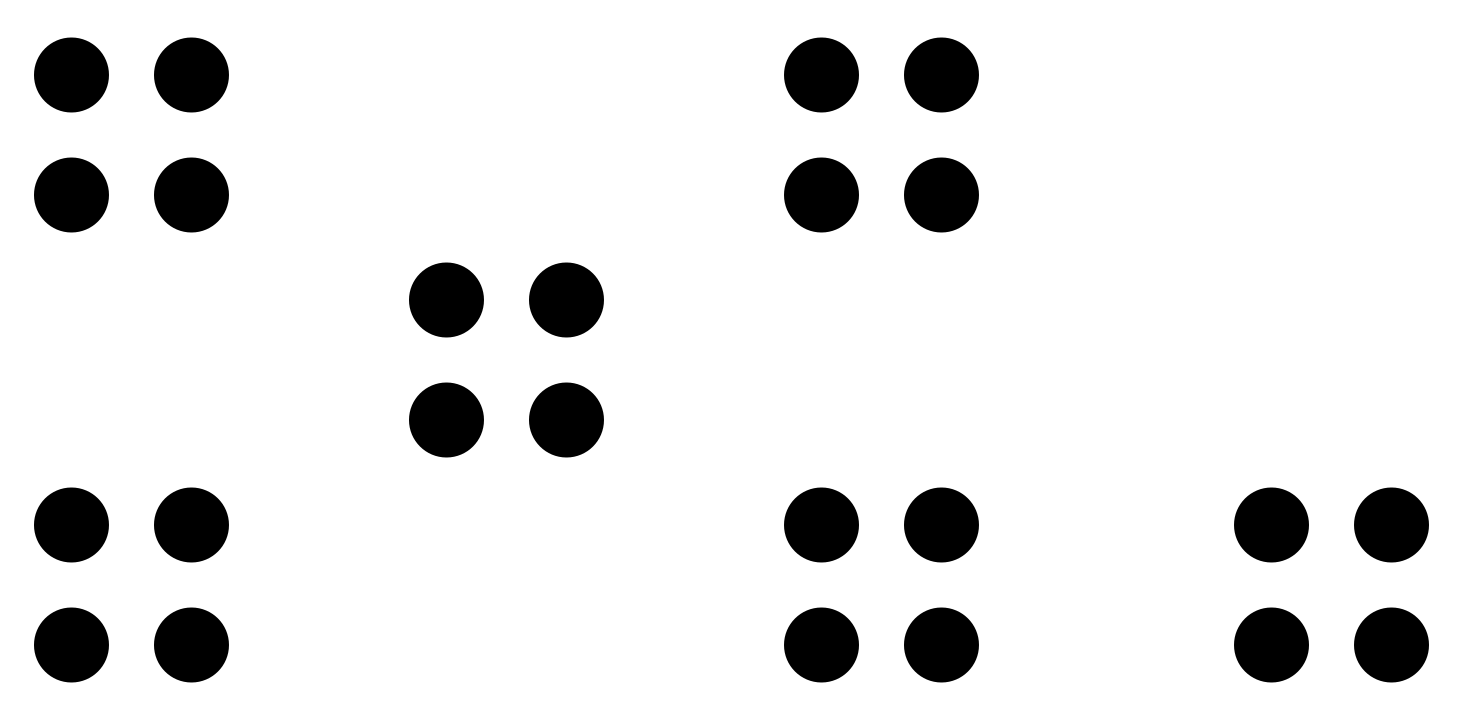
* Let’s connect multiplication expressions to area.

### Warm-up: How Many Do You See: One More

How many do you see? How do you see them?





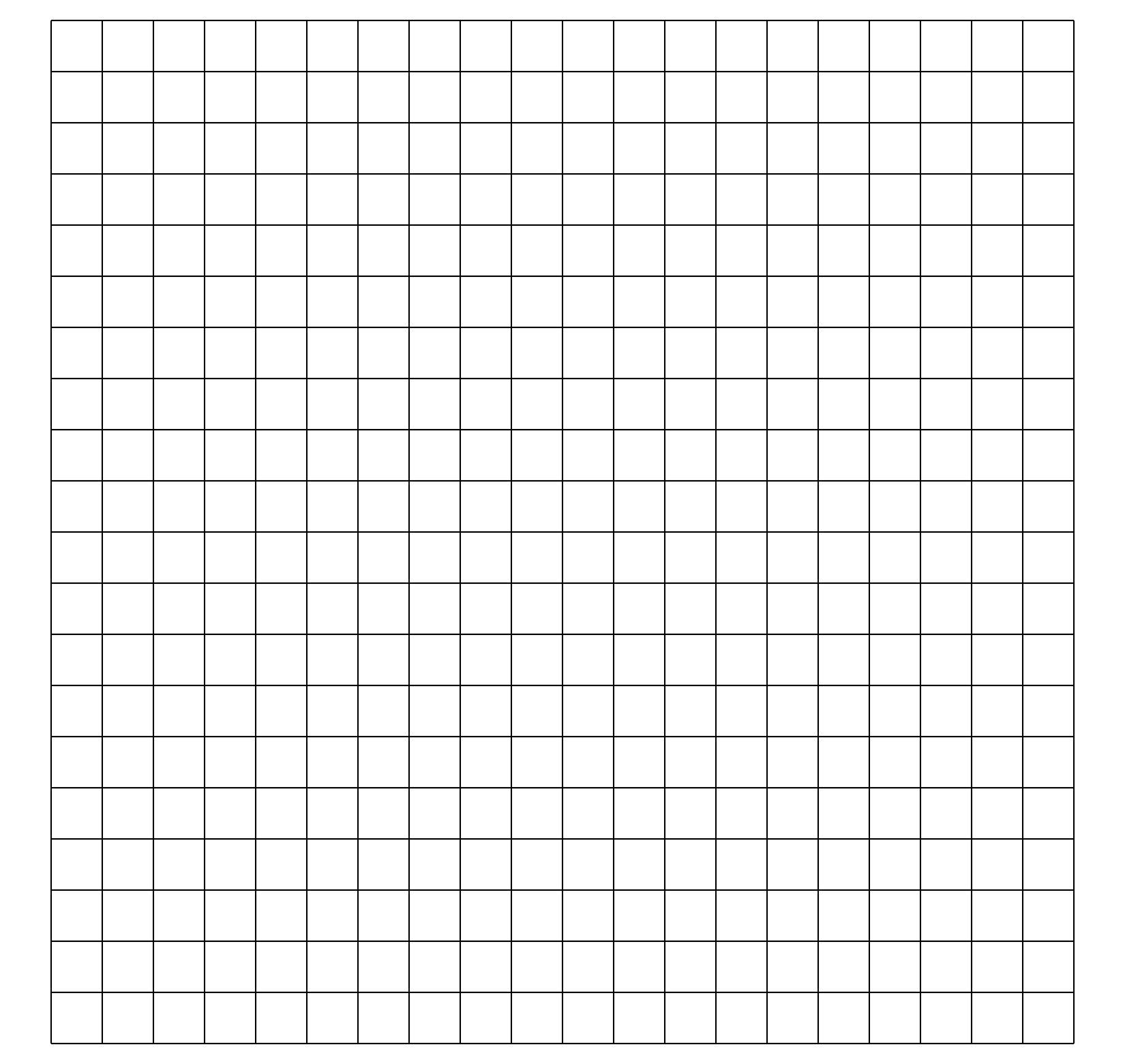


### 5.1: Match Expressions and Areas

Your teacher has posted images of rectangles around the room. Match each expression with a rectangle that can represent it. Be prepared to explain your reasoning.

### 5.2: Create from Expressions

1. The numbers in each expression represent the number of rows (or columns) in a rectangle and how many squares are in each row (or column).

* On the grid, draw each rectangle, label it with the numbers, and find its area.
* 

1. Explain why multiplying the numbers in each expression gives us the area of the rectangle.



© CC BY 2021 Illustrative Mathematics®