

## Grade 3 Unit 2

### Lesson 5

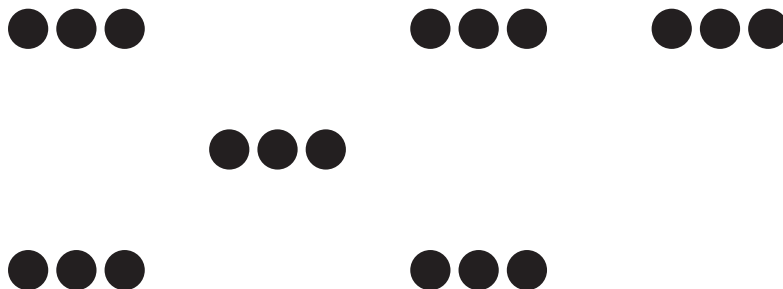
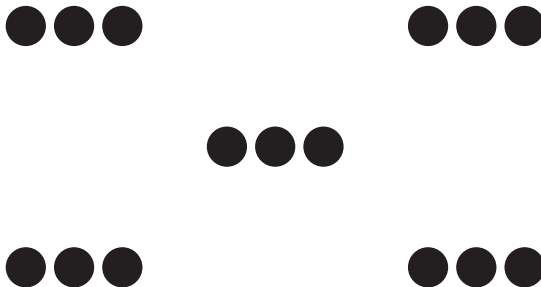
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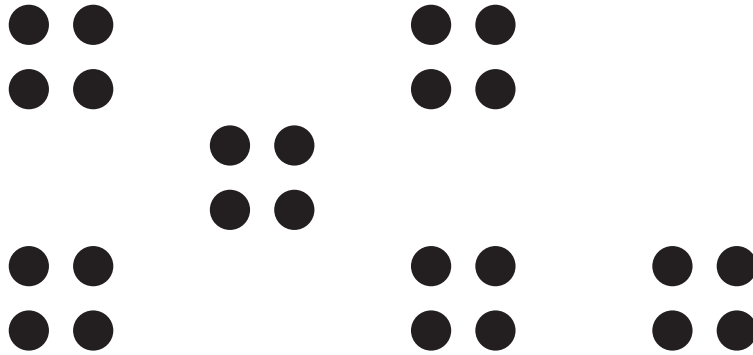
## Unit 2 Lesson 5: Represent Products as Areas

### WU How Many Do You See: One More (Warm up)

#### Student Task Statement

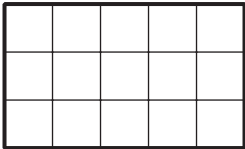
How many do you see? How do you see them?





## 1 Match Expressions and Areas

Images for Launch



### Student Task Statement

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.

1.  $9 \times 5$
2.  $8 \times 2$
3.  $7 \times 10$
4.  $3 \times 3$
5.  $2 \times 6$
6.  $8 \times 4$
7.  $5 \times 7$

## 2 Create from Expressions

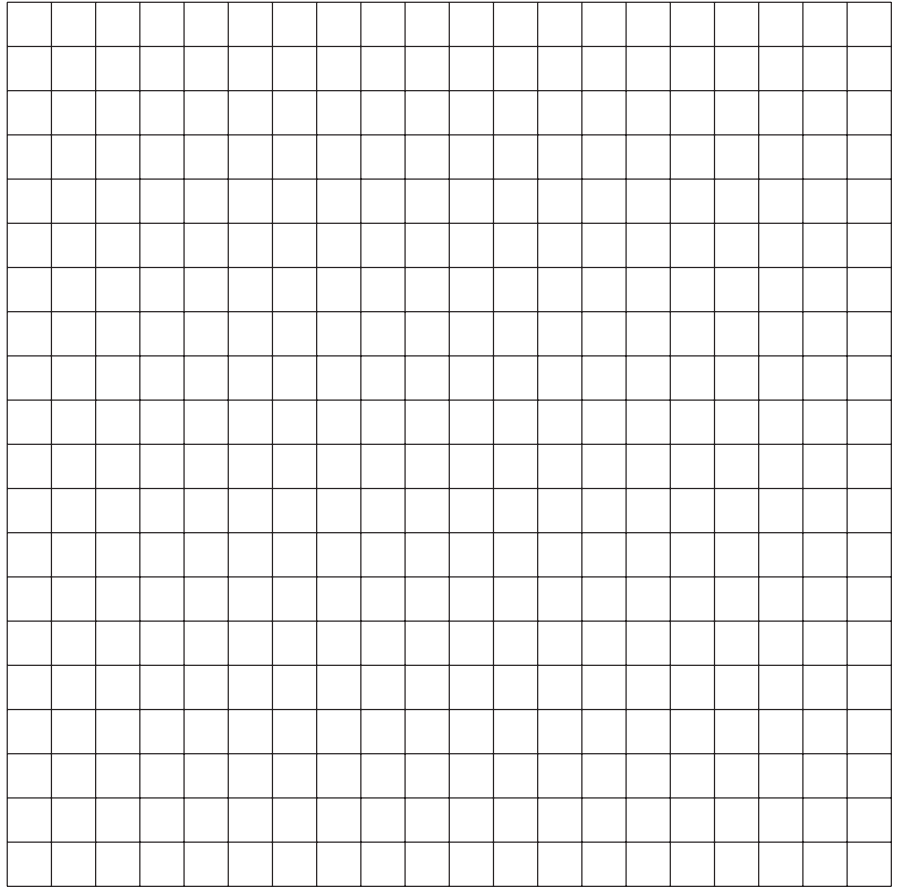
### Student Task Statement

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.

- a.  $3 \times 4$
- b.  $4 \times 6$

- c.  $6 \times 3$
- d.  $7 \times 4$
- e.  $3 \times 2$



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

Images for Activity Synthesis

