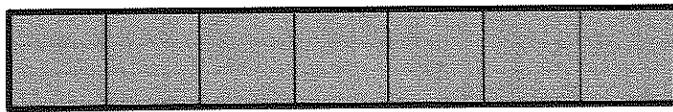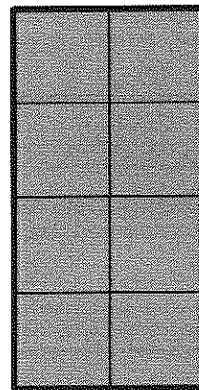## G3-M4-Lesson 2

1. Matthew uses square inches to create these rectangles. Do they have the same area? Explain.
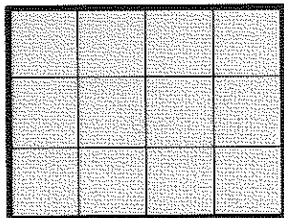

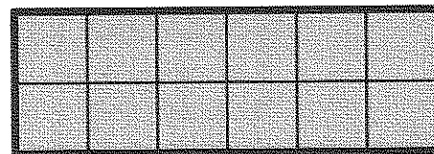*7 square inches*

8 square inches

No, they do not have the same area. I counted the square inches in each rectangle and found that the rectangle on the right has a larger area by 1 square inch.

> This is the new unit I learned today. Each side of a square inch measures 1 inch. The units in this drawing are just meant to represent square inches. I can write square inches as sq in for short.

2. Each ▢ is a square unit. Count to find the area of the rectangle below. Then, draw a different rectangle that has the same area.

12 square units

12 square units

> I can rearrange the 12 square units into two equal rows to make a new rectangle. I know that rearranging the square units does not change the area because no new units are added, and none are taken away.

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