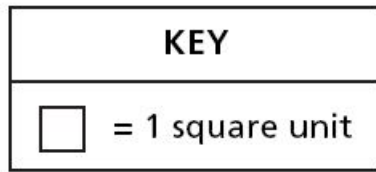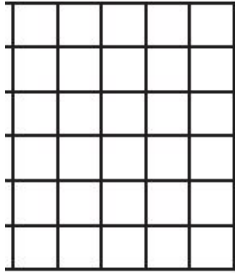Name_____   Mid Module Study Guide

Date_____

1. Alex covered his notebook with square stickers, as shown below.

KEY

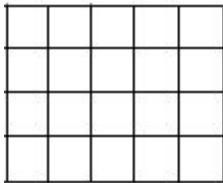☐ = 1 square unit

What is the area, in square units, of the top of the notebook?
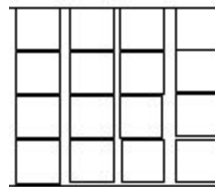
_____ square units

Explain how you found the answer.

_____

_____

_____

_____

2. Tiana and Belle each use unit squares to cover their desks to find the area. Their work is shown below.

Tiana's Array   Belle's Array

a. Which array can be used to measure the area of the desk?   Explain why.

_____

_____

_____

____

b. What is the area of the desk? Explain your strategy for finding the area.

Area_____

_____

_____

_____

____

C. Can you use skip counting as a strategy to find area? Explain how.

_____

_____

_____

_

3. Landon has a rectangular table in his room. One side has a length of 10 inches. The other side is 8 inches long.
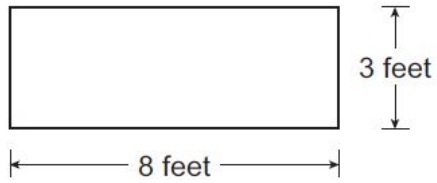
a. Draw the rectangle and label the side lengths.

b. Write an equation you can use to solve for the area.

c. Calculate the area. **REMEMBER** **to label the units.**
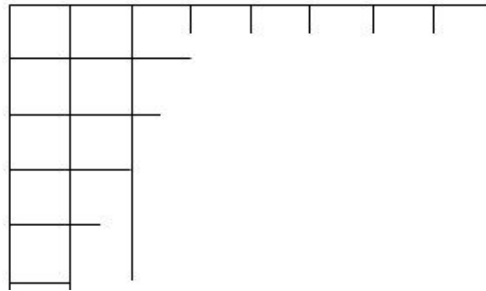
Area_____

4. What is the area of the rectangle below?

3 feet

8 feet

Area: _____

B. Draw another rectangle that has the same area, but different side lengths.

6. Lauren started to draw a grid inside the rectangle to find its area.

a. **Write a multiplication equation** that you could use to find the area, and **then solve**.