

# Lesson 13: Find the Area of Figures

- Let's find the area of figures.

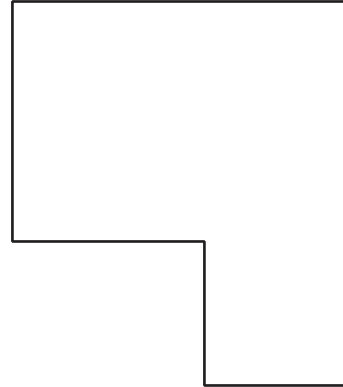
## Warm-up: Number Talk: Extend Make a Ten

Find the value of each expression mentally.

- $109 + 4$
  
  
  
  
  
  
  
  
  
  
- $109 + 14$
  
  
  
  
  
  
  
  
  
  
- $209 + 34$
  
  
  
  
  
  
  
  
  
  
- $219 + 34$

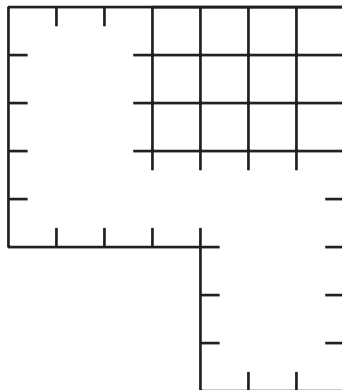
## 13.1: Bye-Bye Squares

What do you notice? What do you wonder?

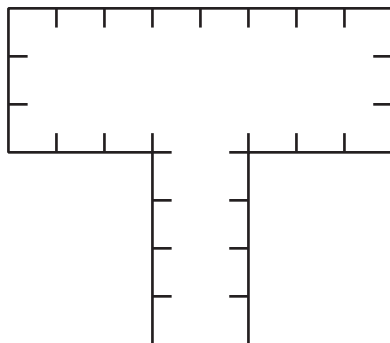


Find the area of each figure. Explain or show your reasoning.

1.

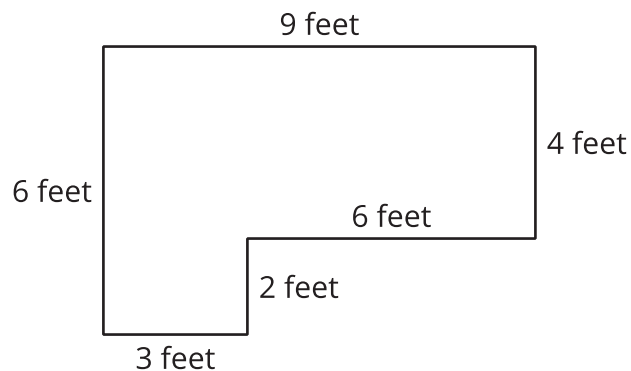


2.



## 13.2: How Many Pavers Do We Need?

Noah wants to use square pavers that are 1 square foot each to create a small patio in the community garden. A diagram of the patio is shown.



1. How many 1 square foot pavers will Noah need to cover the whole patio?

2. What is the area of the patio? Explain or show your reasoning.

