Area and Addition

Let's find the area of a figure made up of rectangles.

Warm-up

Number Talk: So Close

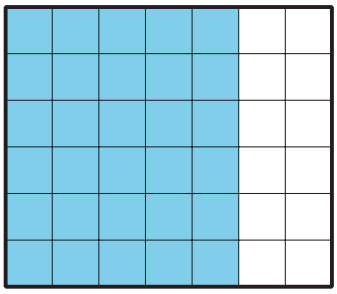
Find the value of each expression mentally.

- $9 + 6$
- $29 + 6$
- $59 + 6$
- $49 + 8$

Activity 1

Rectangles in Rectangles

1. This rectangle represents space in a community garden. The shaded part has vegetables, and the unshaded part has flowers. Each grid square represents 1 square foot.



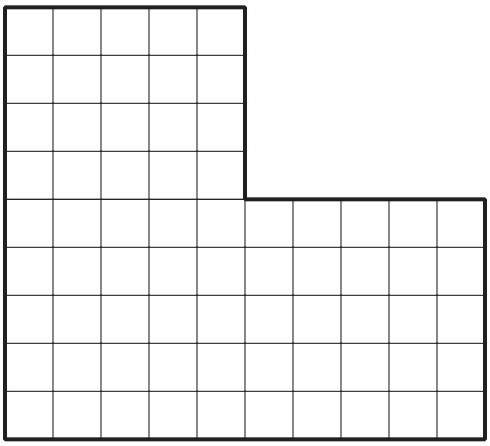
What is the area of the whole space?

2. Design your own rectangular garden that has at least 2 parts. Find the area of each part of the garden and the area of the whole garden.

Activity 2

Find the Rectangles

What do you notice? What do you wonder?



Find the area of this figure. Explain or show your reasoning. Organize your explanation so it can be followed by others.