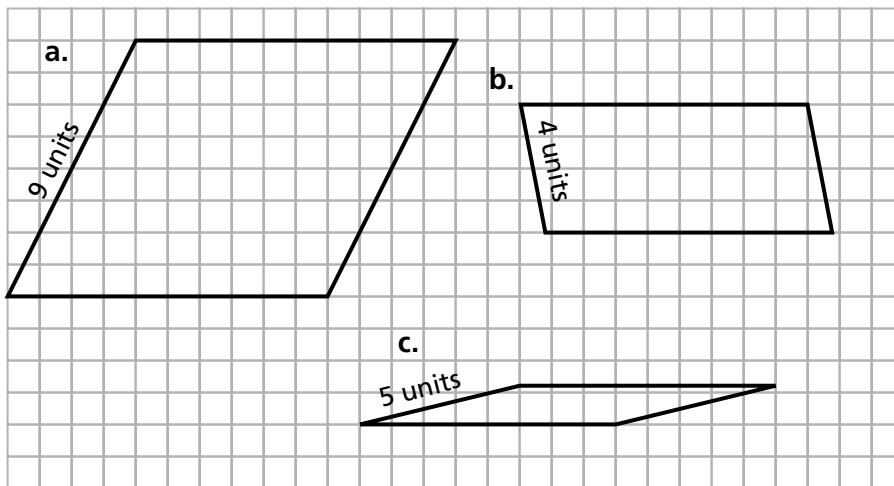


Additional Practice

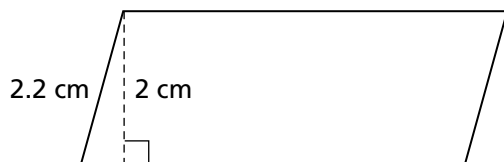
Investigation 4

Covering and Surrounding

1. For each of the following, find the area and the perimeter of the parallelogram.



2. Use the diagram below to answer the following questions.



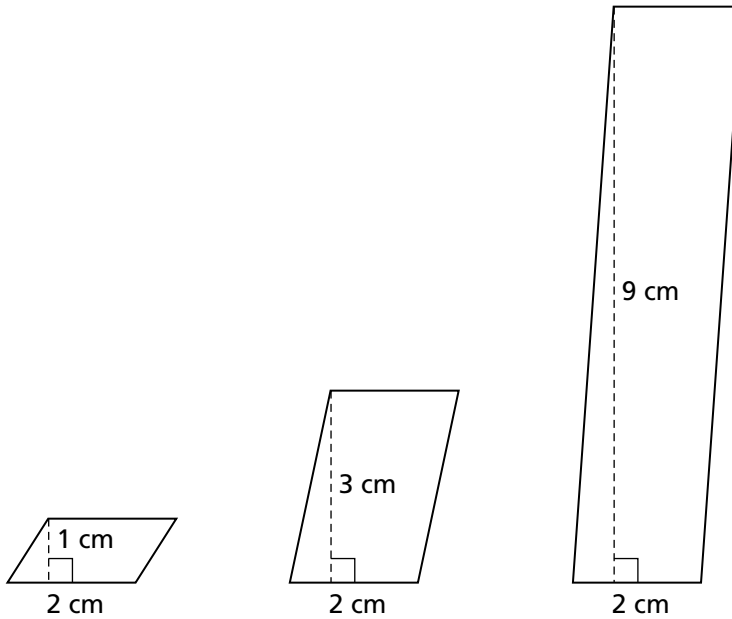
- a. If the perimeter of the parallelogram is 14.4 centimeters, what is the length of the base?
 - b. What is the area of the parallelogram?
3. The area of a parallelogram is 24 square centimeters, and the base of the parallelogram is 6 centimeters.
- a. What is the height of the parallelogram?
 - b. If the perimeter of the parallelogram is 22 centimeters, what is the length of the other side of the parallelogram (that is, the side that isn't the base)?

Additional Practice (continued)

Investigation 4

Covering and Surrounding

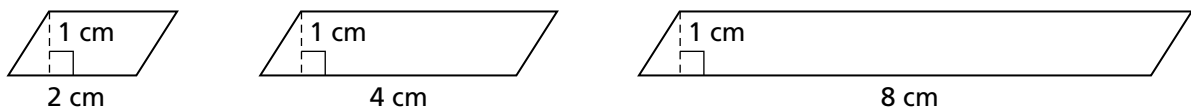
4. a. Find the area of each parallelogram below.



b. How are the heights of these parallelograms related to each other?

c. How are the areas of these parallelograms related to each other?

5. a. Find the area of each parallelogram below.



b. How are the bases of these parallelograms related to each other?

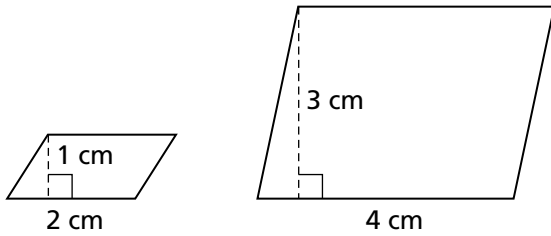
c. How are the areas of these parallelograms related to each other?

Additional Practice *(continued)*

Investigation 4

Covering and Surrounding

6. a. Find the area of each parallelogram below.



b. Based on the patterns in Exercises 4 and 5, sketch the third parallelogram.

c. How are the heights of these parallelograms related to each other?

d. How are the bases of these parallelograms related to each other?

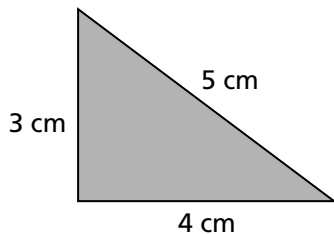
e. How are the areas of these parallelograms related to each other?

Additional Practice *(continued)*

Investigation 4

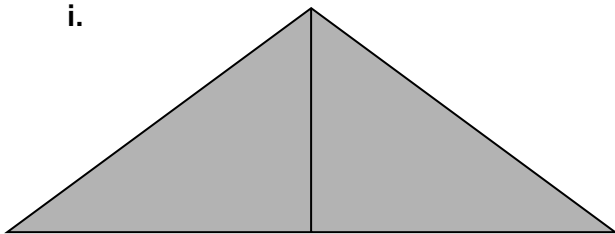
Covering and Surrounding

7. a. Find the area and perimeter of the triangle below.

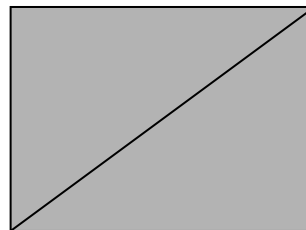


b. Find the area and perimeter of each figure below. (Figures **are** drawn to scale.)

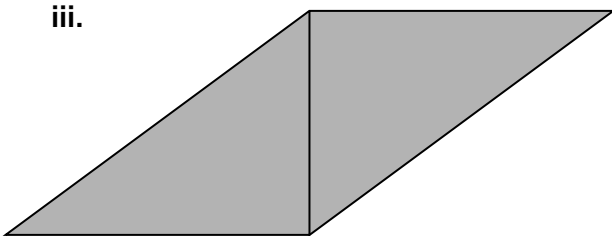
i.



ii.



iii.



iv.

