

Name \_\_\_\_\_ Date \_\_\_\_\_

**Tangram Sort**

- Sort all 7 tangram pieces. Trace the tans to record the groupings. Circle each separate group.
- Describe how you decided to sort your pieces.

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**Student Activity Book**

**Tangram Sort (SAB p. 419)**

**Questions 1–2\***

See Lesson Guide Part 1 for possible sorts.

**Area of Tans (SAB pp. 421–422)**

**Questions 1–2\***

See Figure 5 in the lesson for the areas of the tans. See Figure 6 in the lesson for possible answers to Question 2.

Name \_\_\_\_\_ Date \_\_\_\_\_

**Area of Tans**

- Write the area of each tan on the shape.

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Name \_\_\_\_\_ Date \_\_\_\_\_

**Larger Triangles**

- Cover the large triangle with tans. Trace each shape and label it with the area.

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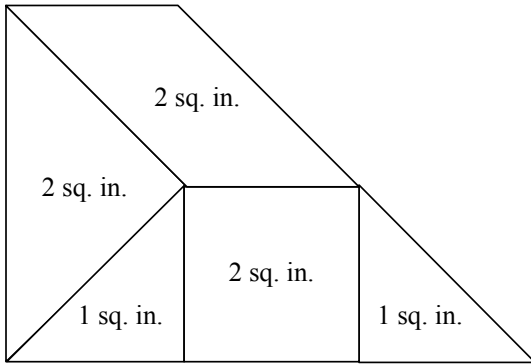
\*Answers and/or discussion are included in the lesson.

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Make and Measure (SAB p. 423)  
Homework

Questions 1–2

- Students' shapes and their areas will vary.  
Sample shape:



- Students can use the area of the small triangle or the Area of Tangram Pieces chart to find the total area of the shape. For the sample shape in Question 1, the area is 8 square inches.

Name \_\_\_\_\_ Date \_\_\_\_\_

**Make and Measure**  
**Homework**

Cut out the tangram pieces. Choose only 5 of the pieces and make a design. Glue it onto another piece of paper. Then answer the questions below.

- What is the area of your design?
- How did you find the area of your design?

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