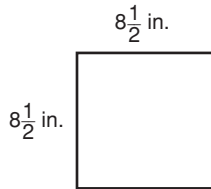


**CHAPTER**  
**2** **Project**  
**All in Proportion**

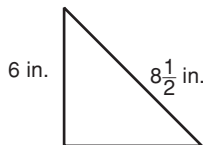
**Activity 1: Dollhouse Quilts** *Use with Lesson 2-7*

Items in dollhouses are scale models of actual items. Suppose a dollhouse is built with a scale of 1:12. In this project, you will make a miniature king-size quilt for this dollhouse.

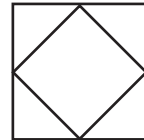
The diagrams below show two pattern pieces needed to create a Square-in-a-Square block. The labels indicate the actual measurements.



Make one.



Make four.



Square-in-a-Square Block

1. Use a proportion to find the dimensions of the miniature pattern pieces needed to make your dollhouse quilt.  
\_\_\_\_\_
2. What are the finished dimensions of an actual size Square-in-a-Square block? a miniature Square-in-a-Square block?  
\_\_\_\_\_

The actual size of a king-size quilt is 108 inches wide by 96 inches long, which includes a 6-inch border. Use miniature Square-in-a-Square blocks made from colored paper to create your dollhouse king-size quilt.

3. How many blocks wide is your quilt? How many blocks long is it?  
\_\_\_\_\_
4. What are the finished dimensions of your quilt without the border?  
\_\_\_\_\_
5. What is the finished width of your miniature border?  
\_\_\_\_\_
6. What are the finished dimensions of your quilt with the border?  
\_\_\_\_\_

**CHAPTER** **Project**

**2** *All in Proportion* continued

7. A twin-size quilt is 69 inches wide and 90 inches long, which includes a 6-inch border. Give the dimensions of a miniature twin-size quilt both with and without its border. Explain how you found the dimensions.

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