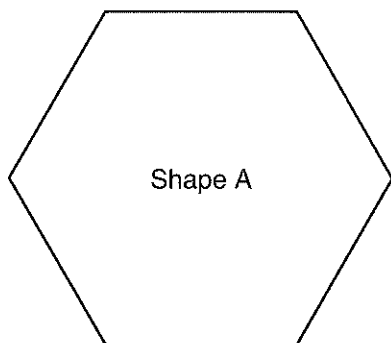
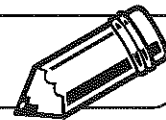
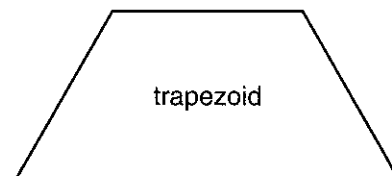


LESSON
5•2**Pattern Block Fractions**

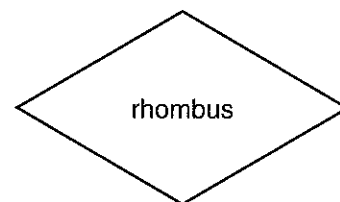
1. Cover Shape A with trapezoid blocks.

- How many trapezoid blocks does it take to cover Shape A? _____
- Write a fraction for this amount. _____
- What fraction of Shape A is covered by one trapezoid block? _____



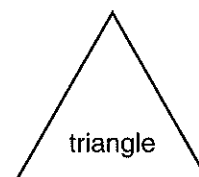
2. Cover Shape A with rhombus blocks.

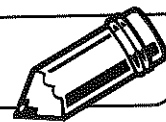
- How many rhombus blocks does it take to cover Shape A? _____
- Write a fraction for this amount. _____
- What fraction of Shape A is covered by one rhombus block? _____






3. Cover Shape A with triangle blocks.

- How many triangle blocks does it take to cover Shape A? _____
- Write a fraction for this amount. _____
- What fraction of Shape A is covered by one triangle block? _____



LESSON
5•2
Pattern Blocks and Fractions


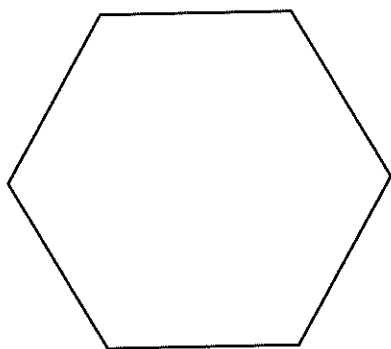
Use your , , and  pattern blocks to solve these problems.

- Choose one pattern block and give it a value. The block can be worth ONE or a fraction of ONE. Draw the block and record its value.

The _____ is worth _____.

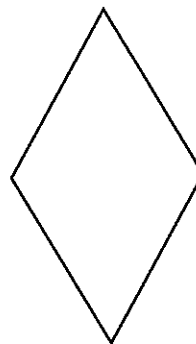
Use the figure you chose in Problem 1 to answer Problems 2–5.

2.



A hexagon is worth _____.

3.



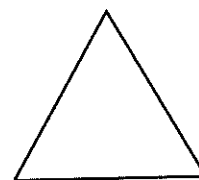
A rhombus is worth _____.

4.



A trapezoid is worth _____.

5.



A triangle is worth _____.

- In the space below or on another piece of paper, make a design with about 10 pattern blocks. Trace the outline of each block. (Or use the pattern-block shapes on the Geometry Template.)

7. Label each part of your design with a fraction. How much is the design worth? _____

8. Write a number model to show how you calculated the value of the design.
