

**VALUE DESIGN**

Use your pattern blocks to solve the following:

1. Suppose the yellow hexagon equals \$0.18. What blocks could you use to build a design worth \$1.56? Use 15 or more Pattern Blocks to create your design. Then record your design and write how you know it is worth \$1.56.
2. Can you create a design that has fewer than 15 blocks and still have a value of \$1.56? Explain.
3. What do you think is the fewest blocks you could use to create a design with a value of \$1.56 when a hexagon equals \$0.18? The greatest number of blocks?
4. Is there a way to find all the possible ways to make a design worth \$1.56? Explain.

[Adapted from: 20Thinking Questions for Pattern Blocks Grades 3-6, Creative Publications]

**A.200**