Fractions of a Square
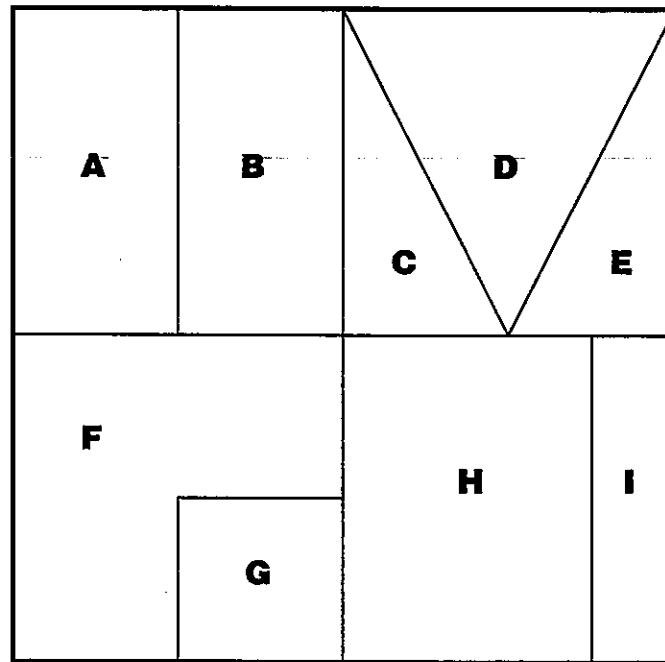
This problem gives you the chance to

- *analyze and reason about rational numbers*
- *use spatial and numerical reasoning*

On your own

The large outer square represents 1 whole unit. It has been partitioned into pieces. Each piece is identified with a letter.

1. Decide what fraction each piece is in relation to the whole square, and write that fraction on the shape.

4. a. Design your own fraction square using the square below. Your square must contain at least four different-sized fractional pieces other than $\frac{1}{2}$. At least two of your fractional pieces have to be a size different from what is in the original square (used for problems 1, 2, and 3).

   b. Give the fractional names for each of your pieces.