

## Part of a Part

**Purpose** to introduce multiplication of a fraction by a fraction

**Materials** Geo-Data Cards  
The Learning Carpet  
String or Yarn

### Directions

Find a friendly region to model ( $2/3 \times 3/5$  use 15 squares). Make an estimate. Create each fraction inside the region using different colored squares. Note that one fraction is put in columns and the other fraction is put in rows. The squares that are covered by another square show the product. **Tell your thinking: I made  $2/3$  in columns in red. I made  $3/5$  in rows in yellow. I can see 6 squares have two squares on top of each other. The part of a part is  $6/15$ .** Clear and repeat with other fractions.

### More Ways to Play

Use unit fractions ( $1/2 \times 1/4$ ) to add support.

