

## Fraction Squares - I can share!

**I am learning to partition rectangles to make two, three or four equal shares.**

### Materials:

Paper cut outs of rectangles (including squares), sorting mat (1 per group), recording sheet (at least 1 per person), people cube (showing 2 to 4 stick figures on each face of the cube), pencils, scissors, straight edge and/or popsicle sticks, tape or glue stick (optional).

### Directions:

1. Get a sorting mat and enough paper cut-outs of the same shape & size so that each player can have at least two. (You may need to cut them out.) Pretend each cut-out is a cake to be shared.
2. Player 1 rolls the people cube. This is how many people will share each cake.
3. Each player, using one pretend cake, will fold, cut or draw on the cake to show a way to share the entire cake fairly. Player may use popsicle sticks to plan outlines. Place the cake on the "Fair" side of the Sorting Mat. (If a player accidentally makes an unfair way to share the cake, he or she can place it on the "Not Fair" side.)
4. Each player, using another pretend cake, will fold, cut or draw it to show a way that ISN't fair. Place it on the Not Fair side of the Sorting Mat.
5. Take turns to explain WHY each cake is placed correctly on the Sorting Mat. Be sure ALL players agree.
6. Name the size of **one** person's share if the cake is shared fairly.
7. Repeat steps 1 through 6, with a new player rolling the cube. A rectangle of a different size MAY be used.
8. After 3 rounds, EACH player completes one recording sheet using the number of people rolled on the third round.