**Guess Who’s Coming to Dinner? (Georgia Frameworks)**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Pretend that four people live at your house (Your dad, mom, sister, and you). Aunt Sue, Uncle John, and their six children (Jamal, Kevin, Carl, Annie, Stephanie, and Maxine) are coming for dinner. Uncle Kenny is coming, too. He is bringing his wife (Aunt Jenny) and their four children (Earl, Charles, Jasmine, and Justine).

Mom has six square folding tables she can use, but you don’t have to use all of them. Each folding table seats four, one on each side. You can put two or more of the folding tables together to form a rectangle if you like.

You have two jobs to make this family feast a success:

Job #1: Your job is to decide on a seating arrangement that is best for your family and guests. When, finished, draw below a picture of the table arrangement and label each place to show who will be sitting there. Mom has the following rules:

* There should be no empty seats.
* There must be at least one grown-up at each table.

1. Why is your arrangement the best possible arrangement?

2. As tables were pushed together, what happens to the perimeter?

3. As tables were pushed together, what happens to the area?

Job #2: Next, you need to determine what size tablecloth your mom needs in order to cover the table. Each side of each square is 3 feet long. The tablecloth should be a perfect fit. Write next to each table the size of the tablecloth.