**WS Investigation 2.1 Homework-Unit Rates**

1. Katie has invited 7 friends over for a pizza party. She orders an extra-large, 12 slice, pizza for dinner.

How many slices will each of the 8 friends have if the pizza is shared evenly? ***Solve with a picture.***

1. Becky is in a quilting club. The club is making quilts for the homeless. Each quilt requires 28 squares. If there are 6 quilters altogether in the club, how many quilt squares will each quilter be required to make? (NOTE: sometimes, quilters make partial squares!) ***Solve with a picture.***

For problems 3 and 4, use the given recipe to solve.

**Recipe for Holiday Cocoa Mix**

1 cup of cocoa powder

2 cups of powdered sugar

3 candy canes

3 cups of milk

1. If Bossy Betty is serving Holiday Cocoa to 4 family members, *how much of each ingredient* will each person get?

If Bossy Betty is serving Holiday Egg Nog to 6 family members, *how much of each ingredient* will each person get?

**Recipe for Holiday Egg Nog**

2 eggs

1 tsp. of vanilla

3 cups of milk

2/3 tsp. of honey