

The Farmers' Museum

## Quilt Math-Make Your Own Quilt Block

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Gather your supplies. You will need scissors, tape or glue, a pencil, a plain piece of paper, and either construction paper in different colors or white paper to color with crayons or markers.
2. On the plain sheet of paper, draw an 8-inch square. This will be the base for your quilt block.
3. Design your quilt block. Consider the following shapes when making your design: right triangles, acute triangles, obtuse triangles, and squares. Be creative.
4. Chose the colors you want to use for your quilt block.
5. Cut out the shapes you decided on and lay out your design on the square you drew.
6. Once your design is what you want it to be, glue the shapes onto the square you drew.
7. Once your quilt block is complete, label the shapes with names and fractions. For example: write acute on an acute triangle, obtuse on an obtuse triangle etc., and write  $\frac{1}{2}$  if a square was divided into two parts,  $\frac{1}{4}$  if a square was divided into four parts, etc.
8. Show the class your quilt block, or take a picture of your quilt block and share it with your teacher.