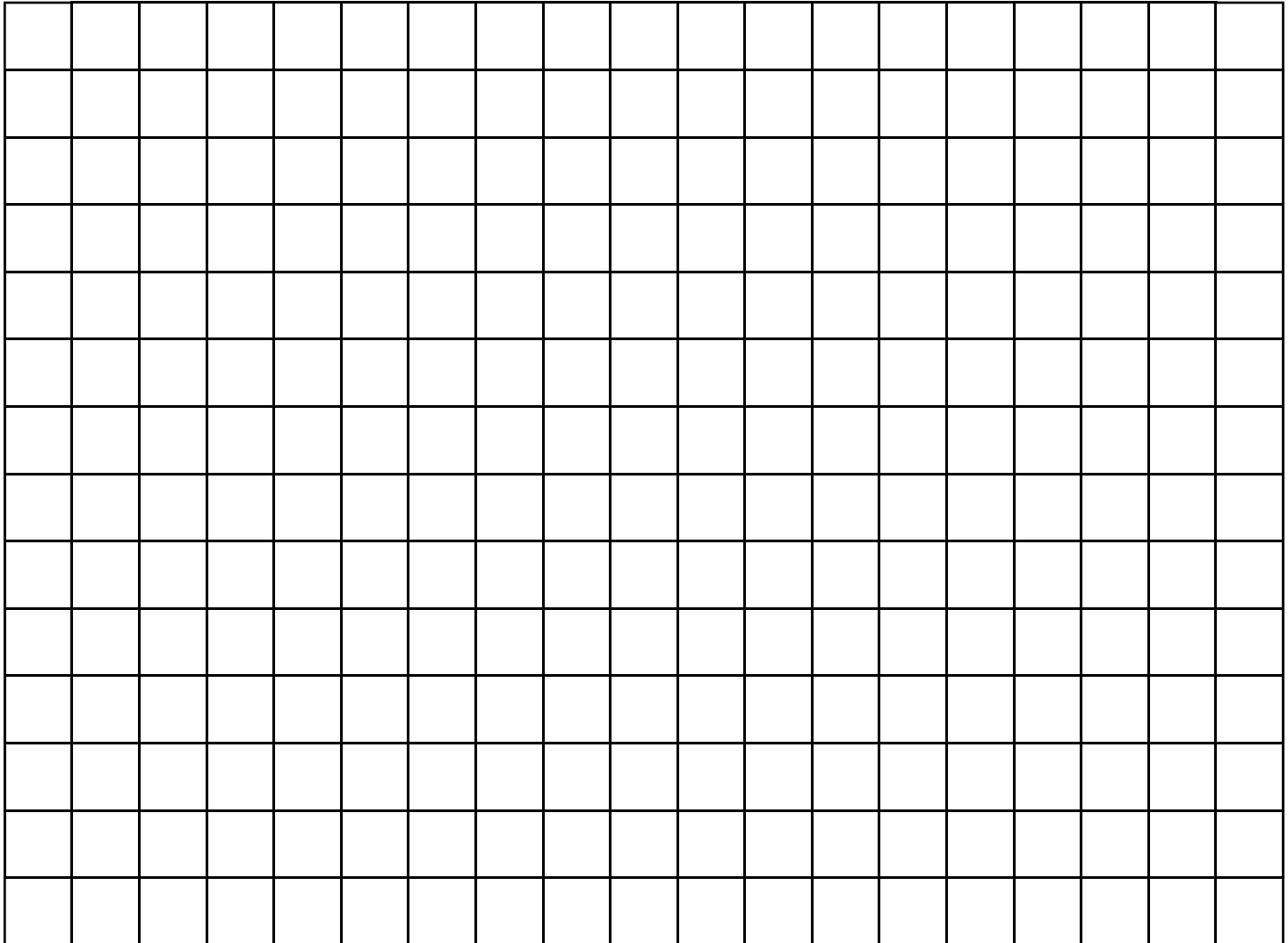




Shapes and their Areas



Directions: Use the 6-inch pipe cleaners to make 4 shapes: a circle, a square, an equilateral triangle and a regular hexagon (all sides the same length). Carefully tape the ends together. Trace each shape on the centimeter grid below and determine the area of each one by counting the number of square centimeters. Make reasonable estimates for non-rectangular shapes.



Record the area of each shape:

circle _____ cm² square _____ cm² triangle _____ cm² hexagon _____ cm²

What do you notice about the shapes and their areas? Hint: List the shapes from the least area to the greatest area and pay attention to the number of sides of each shape as the area gets larger.

Least area _____ → Greatest area
