

**Materials:** Base material (construction paper, origami paper, printer paper), stapler or glue, pens/markers, crayons, decorations, yarn and research information

**Procedure:**

1. Using the circle template, cut 20 circles from pieces of your base material (paper, etc.).  
\*\*\* NOTE: You must follow the size of the circle template **exactly**.
2. Inside 19 of the triangles, write a piece of research information (fact, property, etc.). Be sure that all written information is **INSIDE** the triangular area. Decorate the circles or triangles, making them as colorful and unique as you can. Write your name, class period, and element inside the one remaining triangle.
3. Fold in an upright direction, the scalloped edges that extend beyond the sides of the triangle on each circle (Figure 1).
4. To begin assembly of the icosahedron, select five of the triangles and place them in a circle with the top points toward the center, like the five pieces of a sliced pie (Figure 2).
5. Staple the entire area of each pair of adjacent scalloped edges (edges must be facing out). Once all five triangles are secured, it should resemble a hat. This will form the top of the completed icosahedron.
6. Repeats steps 4 and 5 to form the bottom of the icosahedron.
7. To make the center of the icosahedron, place the remaining ten triangle in a straight row, with alternating points up and down (Figure 3). Staple each pair of adjacent scalloped edges.
8. Bring the two ends of the row of triangles together to form a ring and staple or glue the two scalloped edges.
9. Set the ring on a table and place the top on the ring, aligning the scalloped edges from the top with those on the ring. Staple each pair of aligned scalloped edges.
10. Turn the assembly over and attach the bottom in a similar fashion.

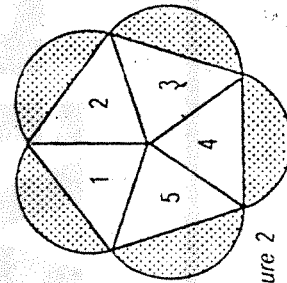
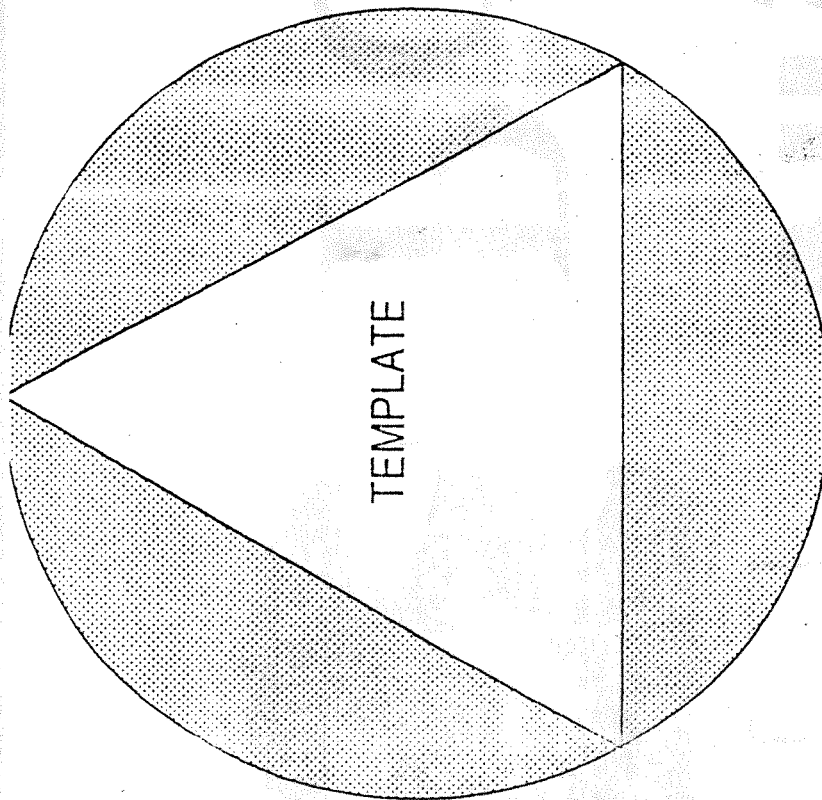


Figure 2

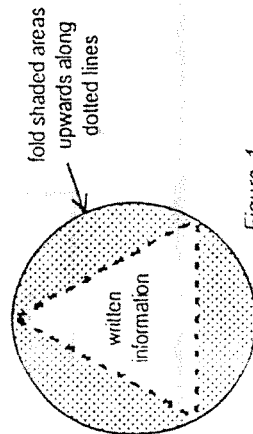


Figure 1

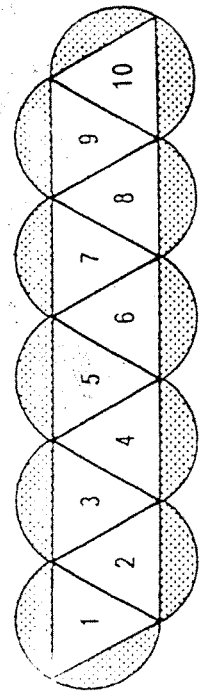


Figure 3