Material
Pencil, Scissors, Clear Tape, Compass point, Straight edge, Scoring tool, Polygon Templates (provided with this packet).

Directions
There are two methods that you could use. The first is the quick and easy method, but you end up with black and white models. The second takes longer but you can use different colors and types of paper for the different polygons.

Using Nets
1. Cut out the nets from the page labeled "Archimedean Ring Nets." You should cut one and only one edge to get into the center in order to remove the center.
2. Score the edges between the polygons.
3. Fold and crease the scored edges.
4. You now have a ring that is ready to use.

Using Polygon Pieces
1a. The simplest way to transfer the polygon templates to the paper that you want is to photocopy it.
1b. If photocopying is not an option, then place the paper that you want to use for the polygons face down on the table.
2. Place the appropriate polygon template on top of this.
3. Use your compass point to poke the vertices into the bottom piece of paper.
4. Use your pencil and straight edge to draw the edges.
5. Cut out the polygons. Remember that trying to cut on a line is sometimes difficult, so think of it as cutting between the polygons.
6. Use tape to join the polygons together to form the ring. Leave one edge untaped so that the ring can roll up on itself. For added strength and looks place tape running parallel to the edge so that the whole edge is taped. Trim the excess.