1. Start with paper crosswise (facedown).

2. Fold in half, left over right.

3. Match E to H, which is slightly less than \( \frac{1}{4} \) (7/32) the distance from F to A. Crease on GJ.

4. Fold \( \triangle FGH \) down by creasing along GJ.

5. Bisect \( \angle FGJ \) by matching \( \overline{GJ} \) to \( \overline{GF} \). Crease on \( \overline{GK} \).

6. Bisect \( \angle JGK \) by matching \( \overline{GK} \) to \( \overline{GJ} \). Crease on \( \overline{GL} \).

7. Turn over, flipping the bottom to the top.

8. Bisect \( \angle HGL \) matching \( \overline{GH} \) to \( \overline{GL} \). Crease on \( \overline{GK} \).

9. Cut on \( \overline{FH} \). Save and unfold \( \triangle GHF \).

**Il-gon**

Use 8½ x 11 paper or any other that is close to 3:4 ratio.