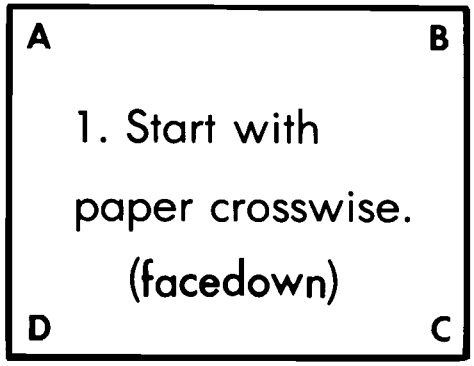
Decagon

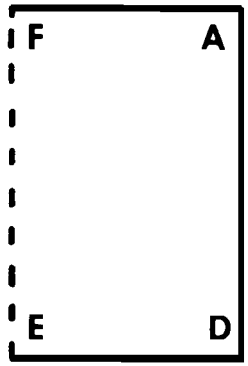
(Based on the Pentagon)

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

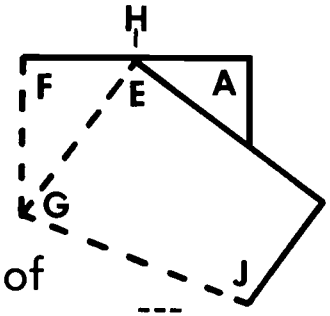


1. Start with paper crosswise. (facedown)

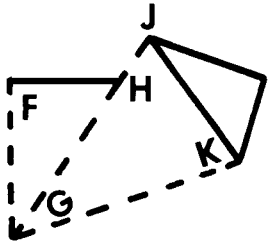
2. Fold in half, left over right.



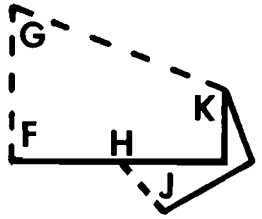
3. Match E to H, which is ½ the distance of F to A. Crease $\overline{GJ}$.



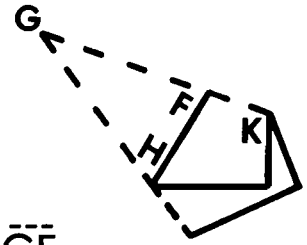
4. Bisect ∠EGJ by matching $\overline{GJ}$ to $\overline{GE}$. Crease on $\overline{GK}$.



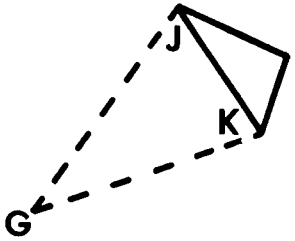
5. Turn over, flipping the bottom to the top.



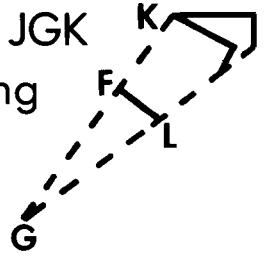
6. Bisect ∠FGK by matching $\overline{GF}$ to $\overline{GK}$. Crease on $\overline{GH}$.



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



8. Bisect ∠JGK by matching $\overline{GK}$ to $\overline{GJ}$. Crease $\overline{GL}$.



9. Cut on $\overline{LF}$. Save and unfold △GLF.