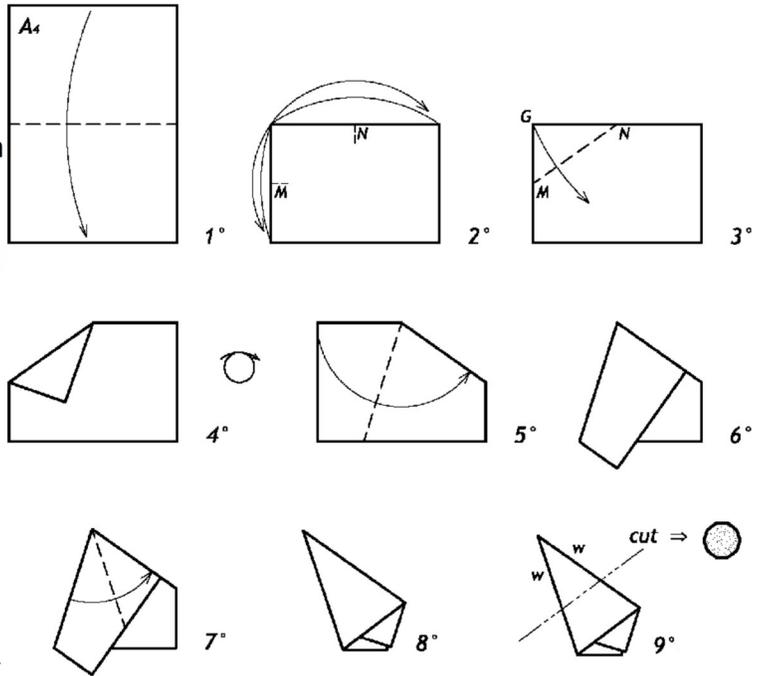


Making a Lucy Snowflake

How to fold a Decagon

Starting with A4 Paper

- 1) Fold in your paper in half and crease well
- 2) Fold in half each direction just enough to mark the midpoints (M & N), unfold
- 3) Fold the corner (G) towards the center, lining up with your two marked midpoints (M & N)
- 4) Crease well
- 5) Turn over and fold the other corner to line up with the new edge
- 6) Crease well
- 7) Fold the shape in half
- 8) Crease well
- 9) Note where the paper flaps end. You can cut straight across at that point, keeping the sides equal in length ($w \sim 10.5$ cm)



Modified from Petrović & Obradović Fig 4

- 10) Get creative and cut pretty designs into the edges. Unfold to see what you made!
- 11) If you want to include the Lucy bus and instrument pointing platform, the total height should be about 11 cm and the total width should be about 6 cm.



Reference: Petrović & Obradović, 2010, "Forming a regular pentagon, decagon and pentagram using origami technique", *Proceedings of the 2nd International Conference for Geometry and Engineering Graphics*, pp. 542-554.