

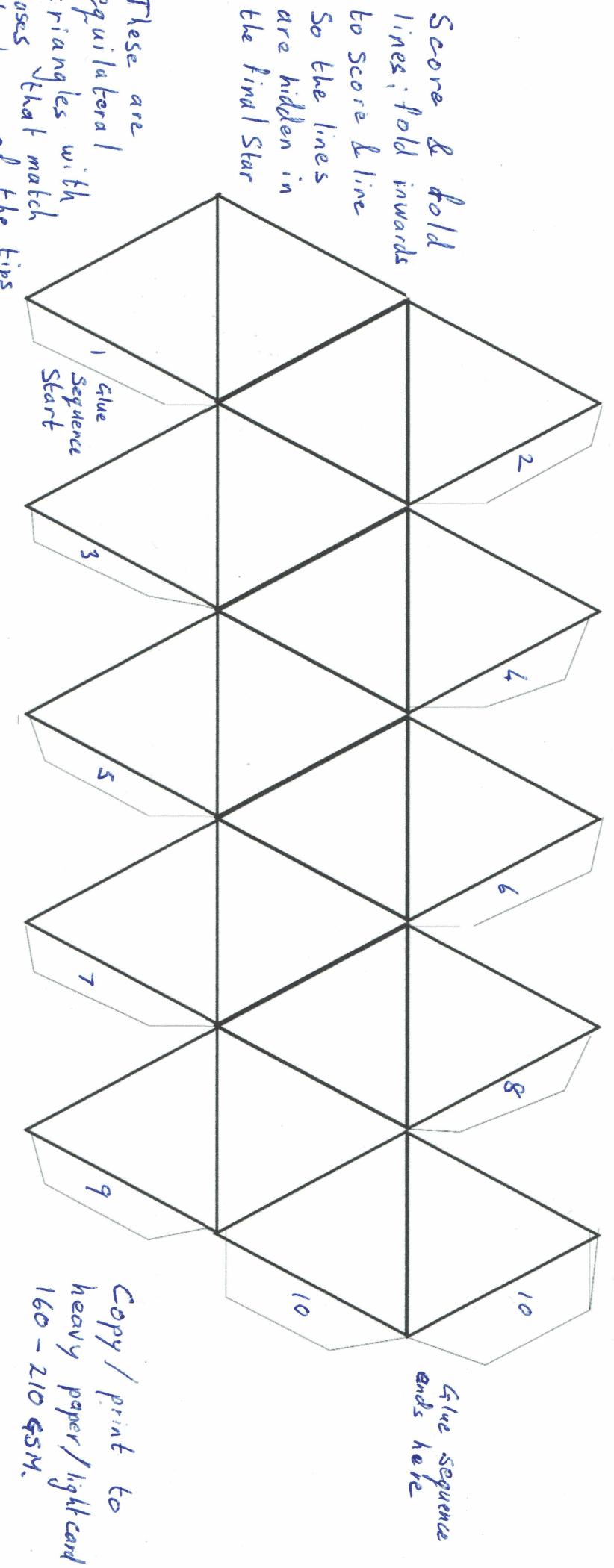
# Moravian Star

## 3D Star

- A take home project.

**Warning:**

This is a "bad project" if you live in the world of "instant".  
Each star has 20 tips, to cut, score, fold & glue.  
A star can quite easily take a whole evening to make.



Increase base size  
to make a bigger  
Star.

This is the base the 20 tips attach to.

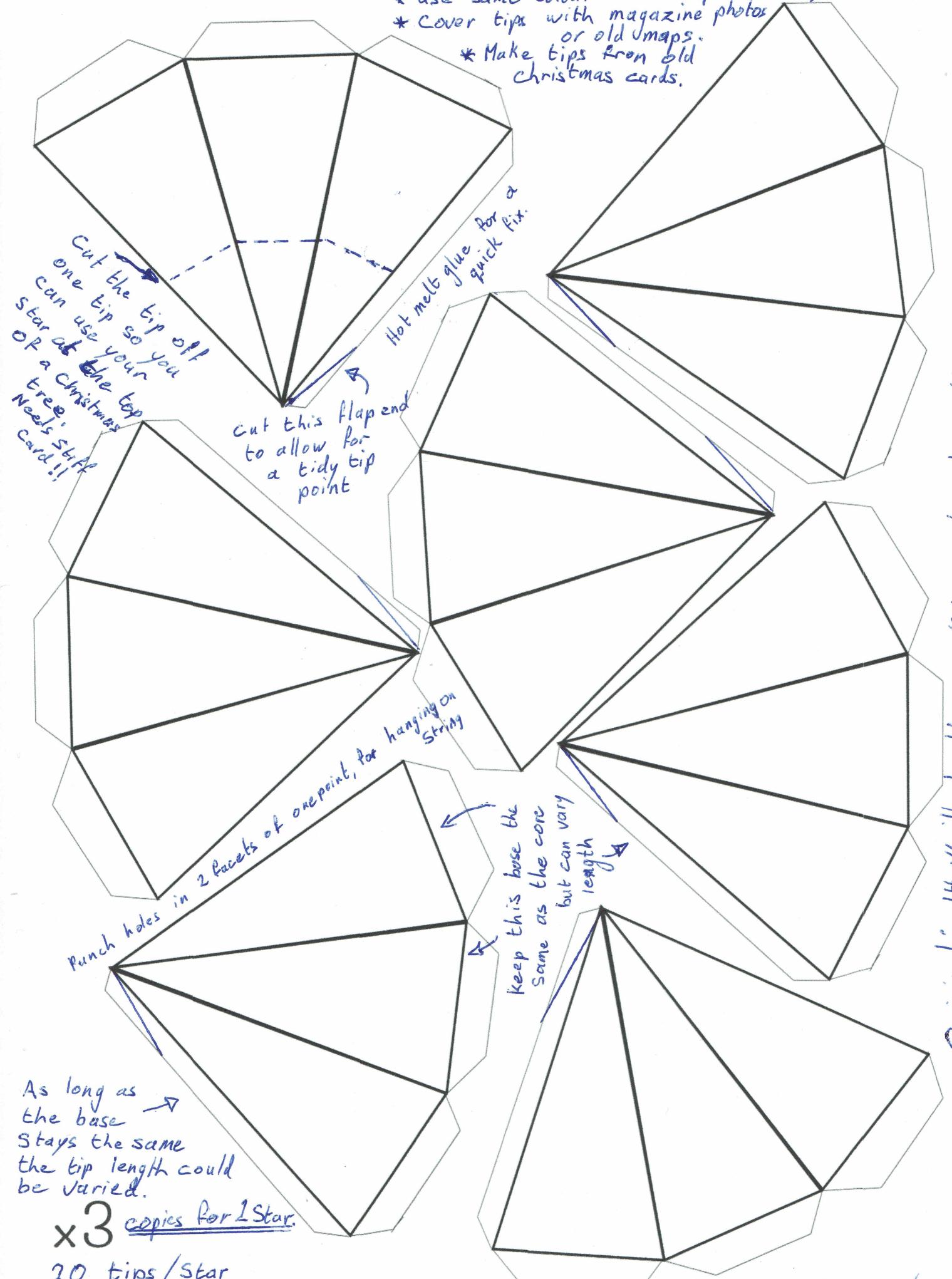
it won't be visible in the final star if the tip base match these bases.

Similar in shape to 20 sided dice!

Traditionally displayed from 1st Advent to 6 Jan (Epiphany)

### Decoration:

- \* Use same colour for all tips or vary colour.
- \* Cover tips with magazine photos or old Jmaps.
- \* Make tips from old Christmas cards.



20 tips/Star

Each tip is an isosceles triangle x3 - Base is equilateral triangle.

Original: <http://pillarnblue.com/3d-map-star-decorations>

### Scaling:

Base is just 3 rows of equilateral triangles & glue tabs

Points: 1) Mark first line A-B

2) Using C extend angle & desired apex C and mark base widths D, E

~~c~~

3) Join up lines B-D, D-E

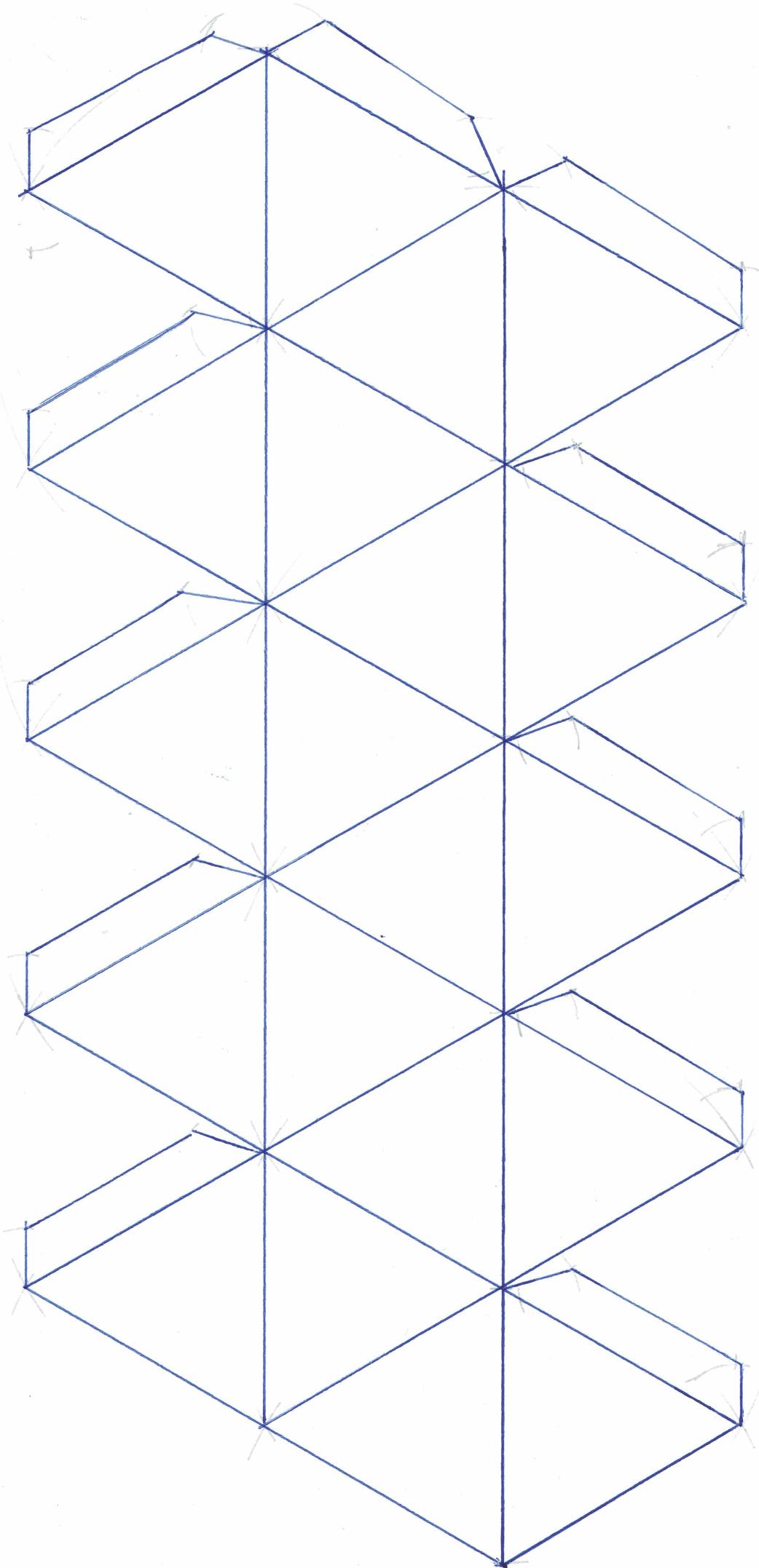
C-A, C-B, C-D, C-E

E

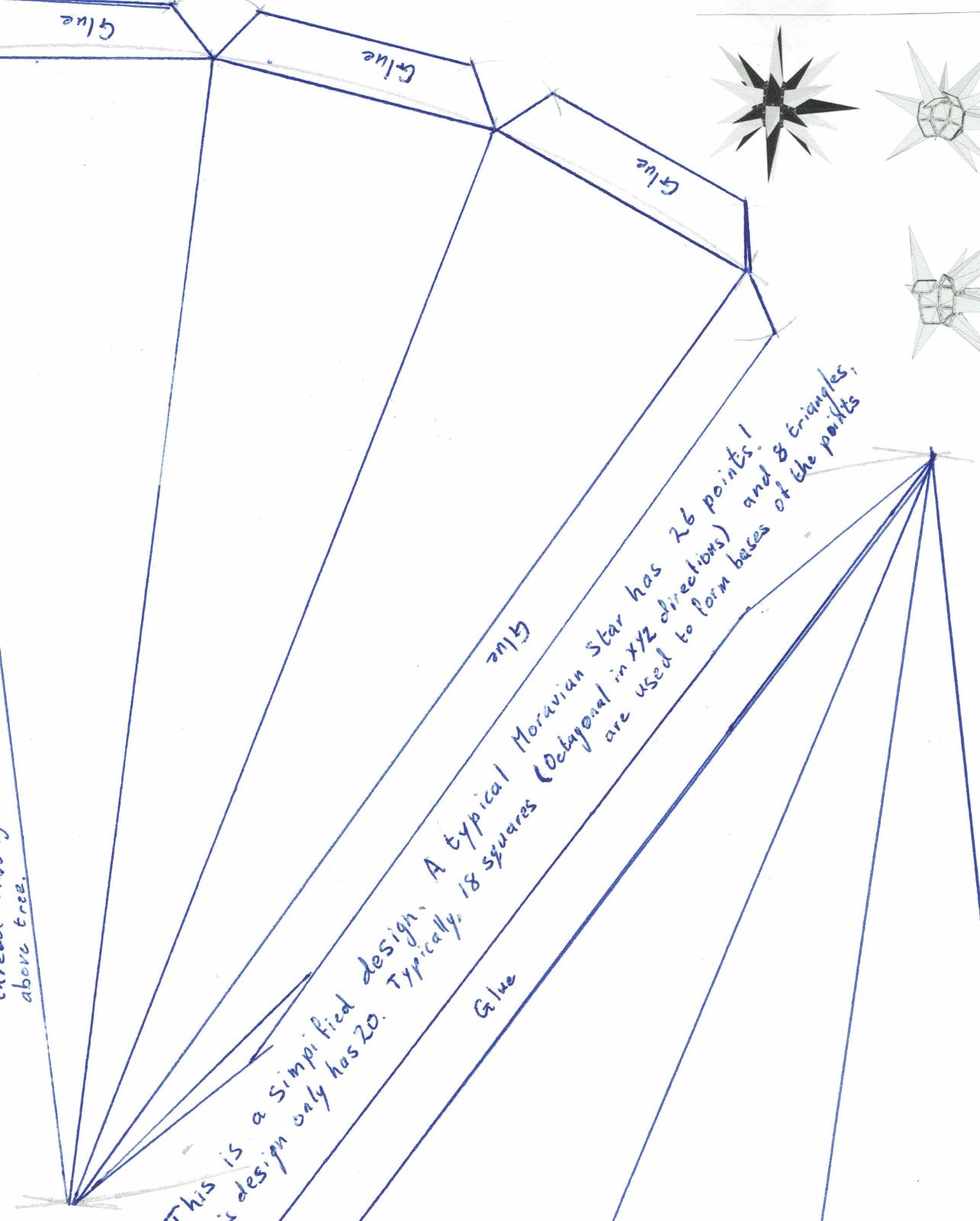
4) Add glue flaps

### Alternative Plan:

5cm Base



mounting suggestion: cut off the tip to form a snug fit for dowel rod. Tie the dowel to a Christmas tree and thread through so star floats above tree.



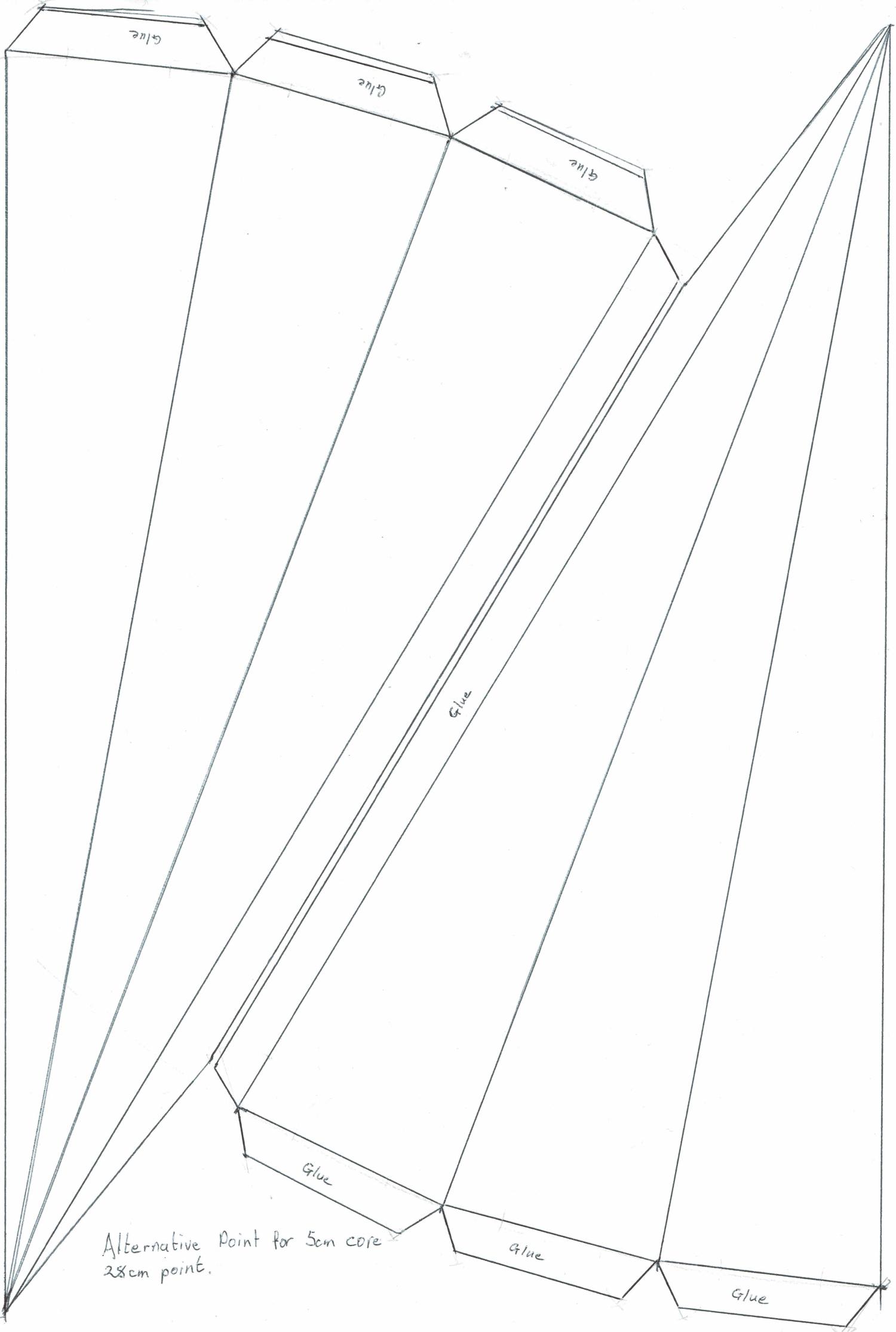
### Alternative Plan

Print 10

5cm Base  
20cm Point

mounting suggestion: make a hole near the tip of the starpoint and thread a string for hanging

Typical Moravian Stars



Alternative Point for 5cm core  
28cm point.