



# Build your own model of a Schlegel diagram of a cross-section of the five-dimensional Kunz cone!

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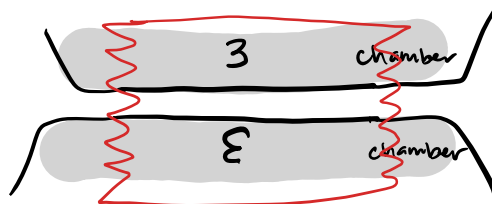
You'll need:

- scissors 
- tape 
- a bit of patience
- a can-do attitude

There are templates for 10 of the 12 chambers; the remaining two are exterior.\*

Cut each chamber out along its external edges and then fold along the interior edges. Tape together, printed side out, to form 10 convex polytopes (there are 5 pairs of matching chambers).

Tape chambers together according to the numbers printed on the template. Numbers should face each other when taped. For example,



You should then be able to fold the model in on itself so that all the grey shaded sides are on the exterior and all else are interior.

How well this works may depend partly on the precision of your cutting and folding as well as the weight of your paper. It may also depend on the quality of this template and these instructions. Good luck!

\* The highlighted edges around the exterior of the finished model denote the separation between these two exterior chambers

