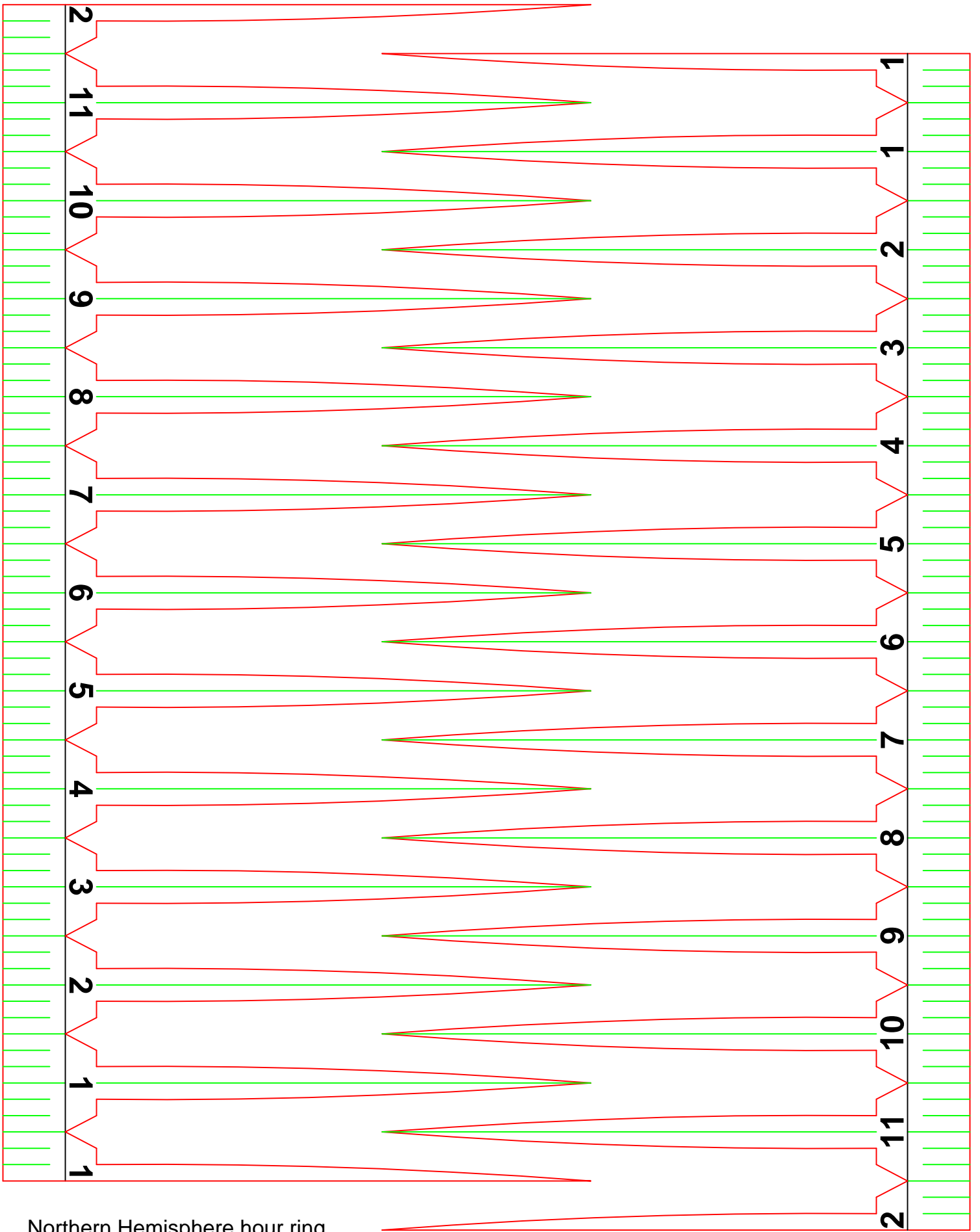
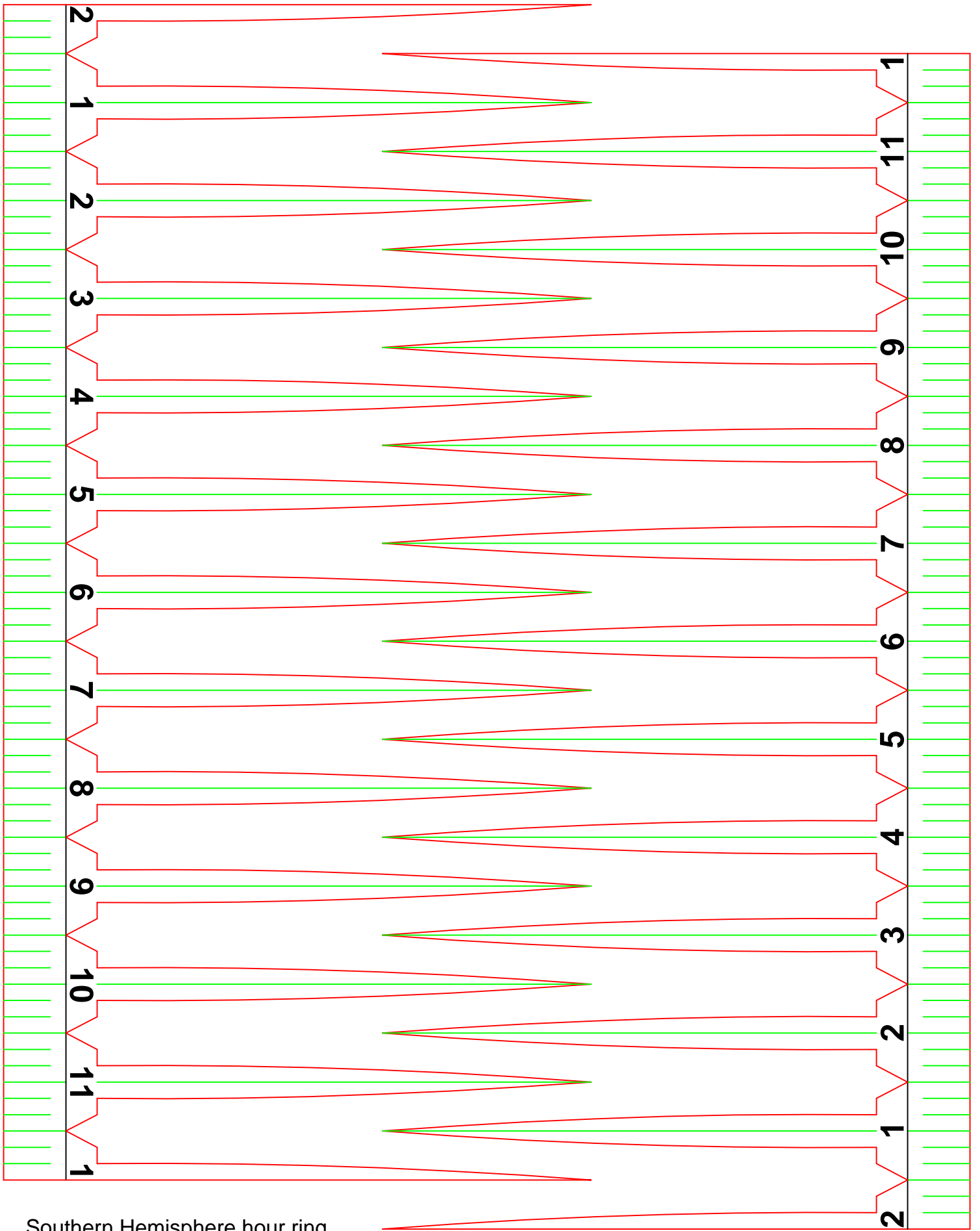


Part D - 1 required
Glued between & at the
bottom of the 2 Part Cs.

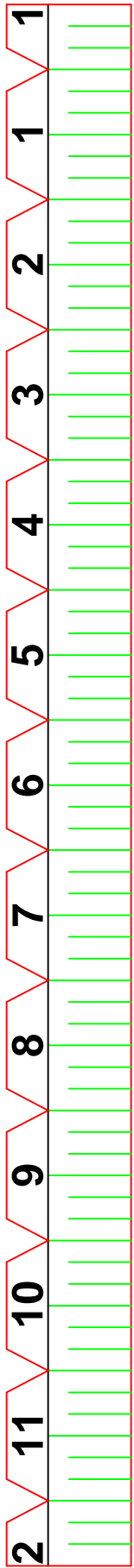
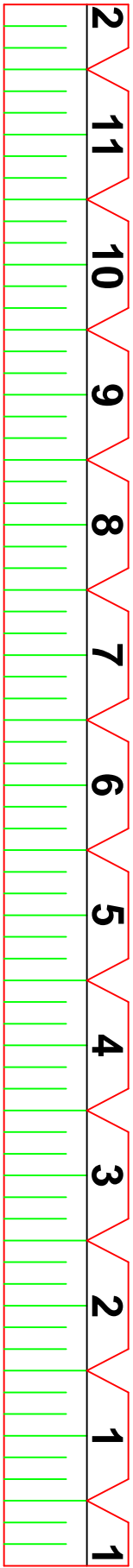
Part E - 2 required
Used to widen the base.



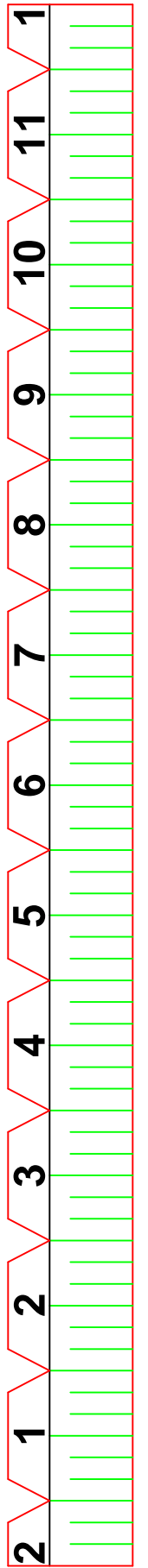
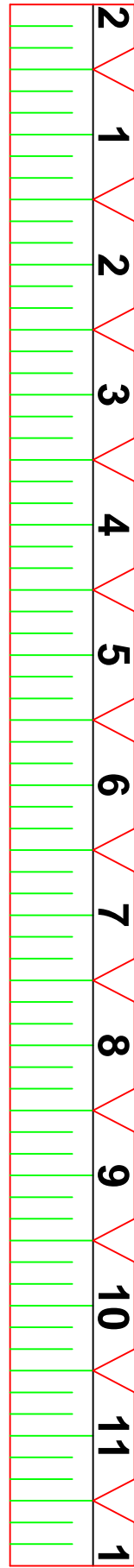
Northern Hemisphere hour ring.



Southern Hemisphere hour ring.

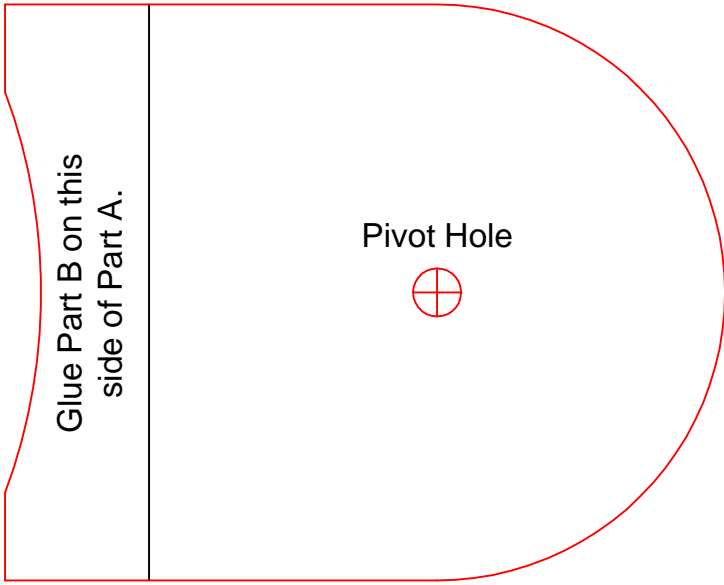


These alternate hour rings
require a lot less scissors work.



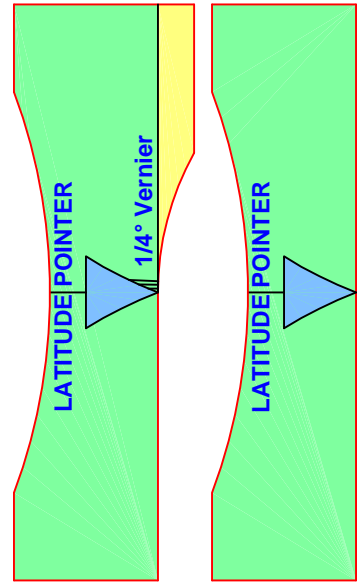
Northern Hemisphere hour ring.

Southern Hemisphere hour ring.

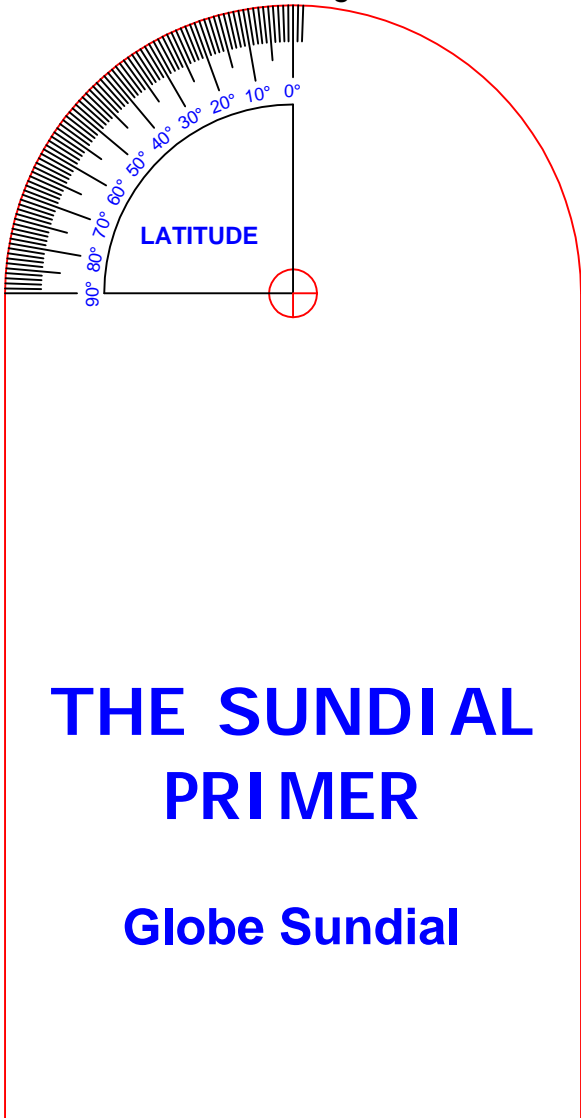


Part A - 1 required

Part B - 1 part using the right template is required. Choose 1 template & glue as shown in figure. The left template will allow the latitude to be set to 1/4° using the vernier instead of estimating.



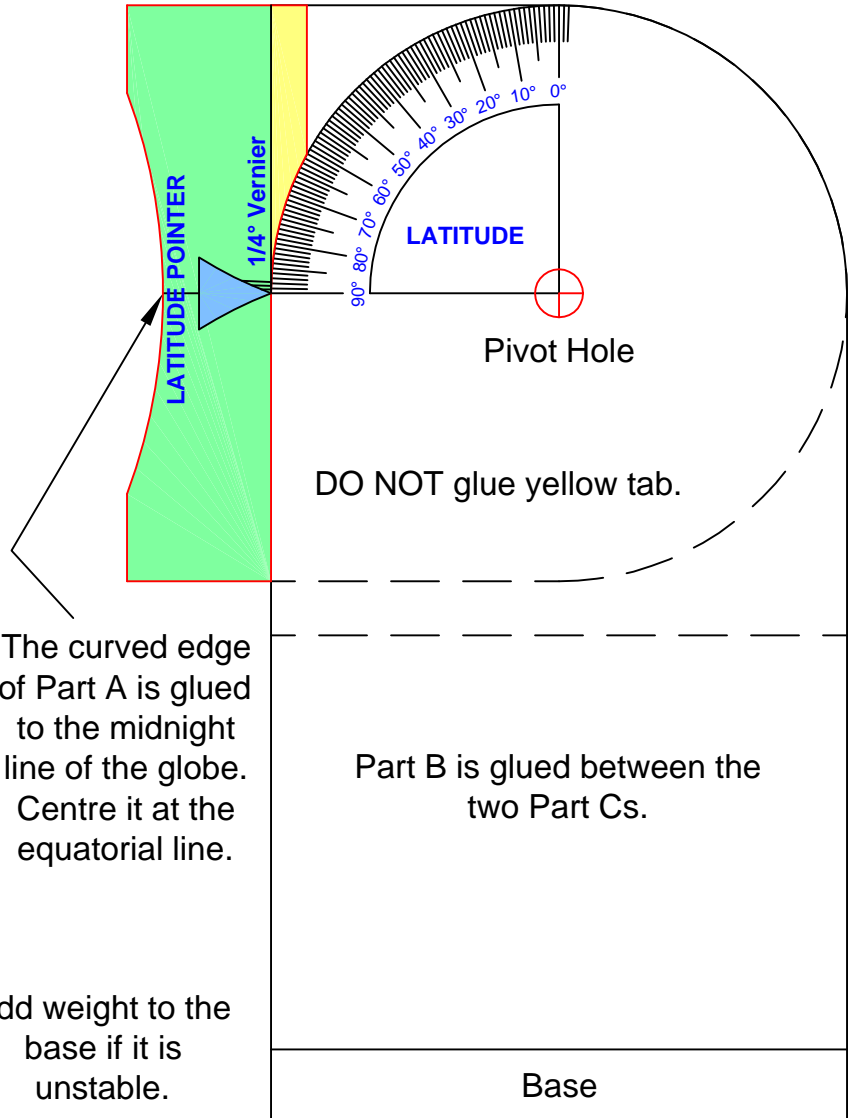
Part C - 2 required
Save template & glue as shown in figure.



THE SUNDIAL PRIMER

Globe Sundial

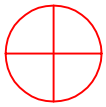
The pivot hole passes through Part A and the 2 Part Cs. Use a small bolt, washers and wing nut to create the pivot.



The curved edge of Part A is glued to the midnight line of the globe. Centre it at the equatorial line.

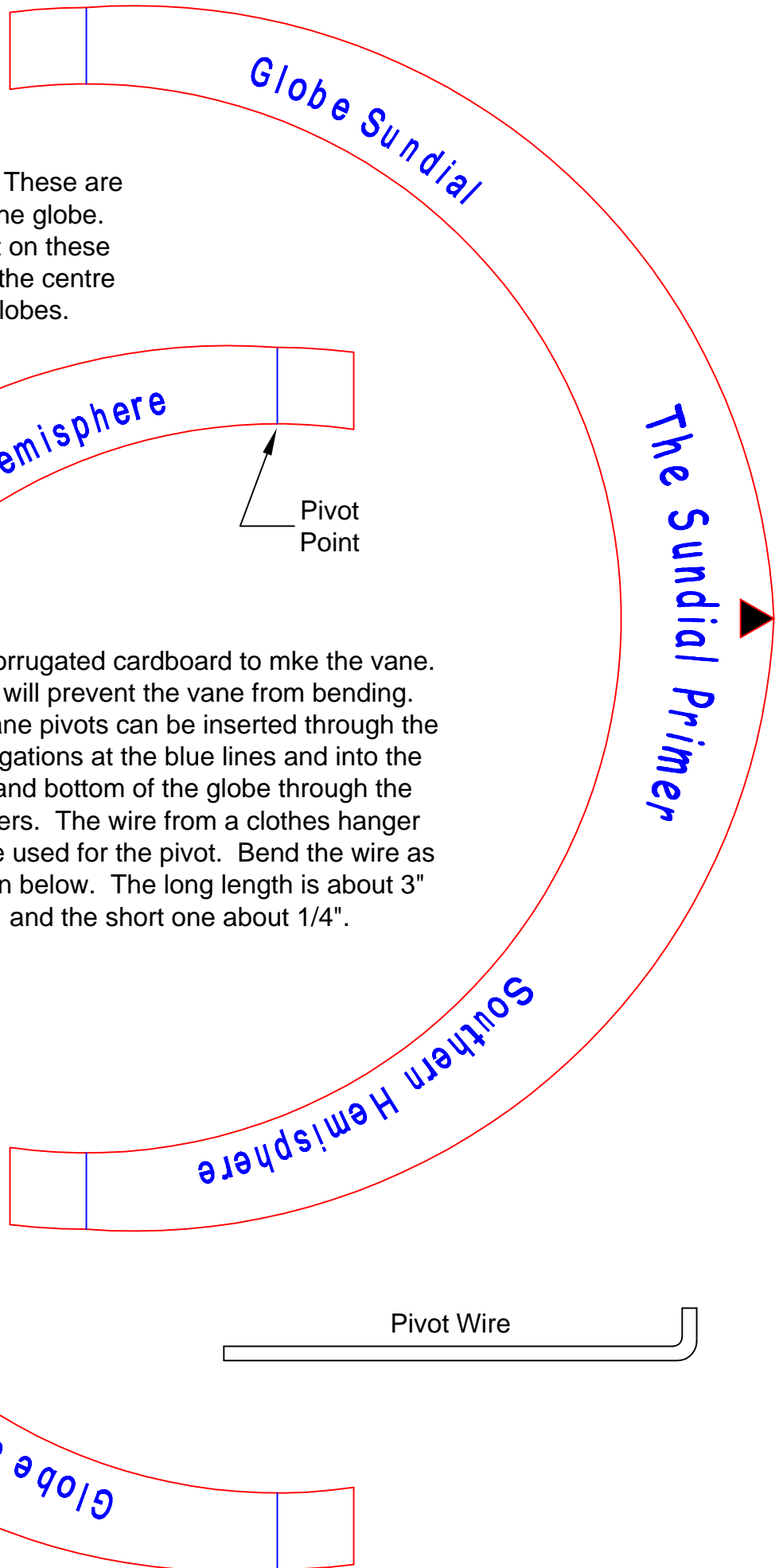
Add weight to the base if it is unstable.

Base



Spacer

Cut out 2 spacers 1/2-inch thick. These are glued to the top and bottom of the globe. The pivot points of the vane rest on these spacers. The pivots go through the centre of the spacers and into the globes.



Use corrugated cardboard to mke the vane. This will prevent the vane from bending. The vane pivots can be inserted through the corrugations at the blue lines and into the top and bottom of the globe through the spacers. The wire from a clothes hanger can be used for the pivot. Bend the wire as shown below. The long length is about 3" and the short one about 1/4".

Pivot Wire