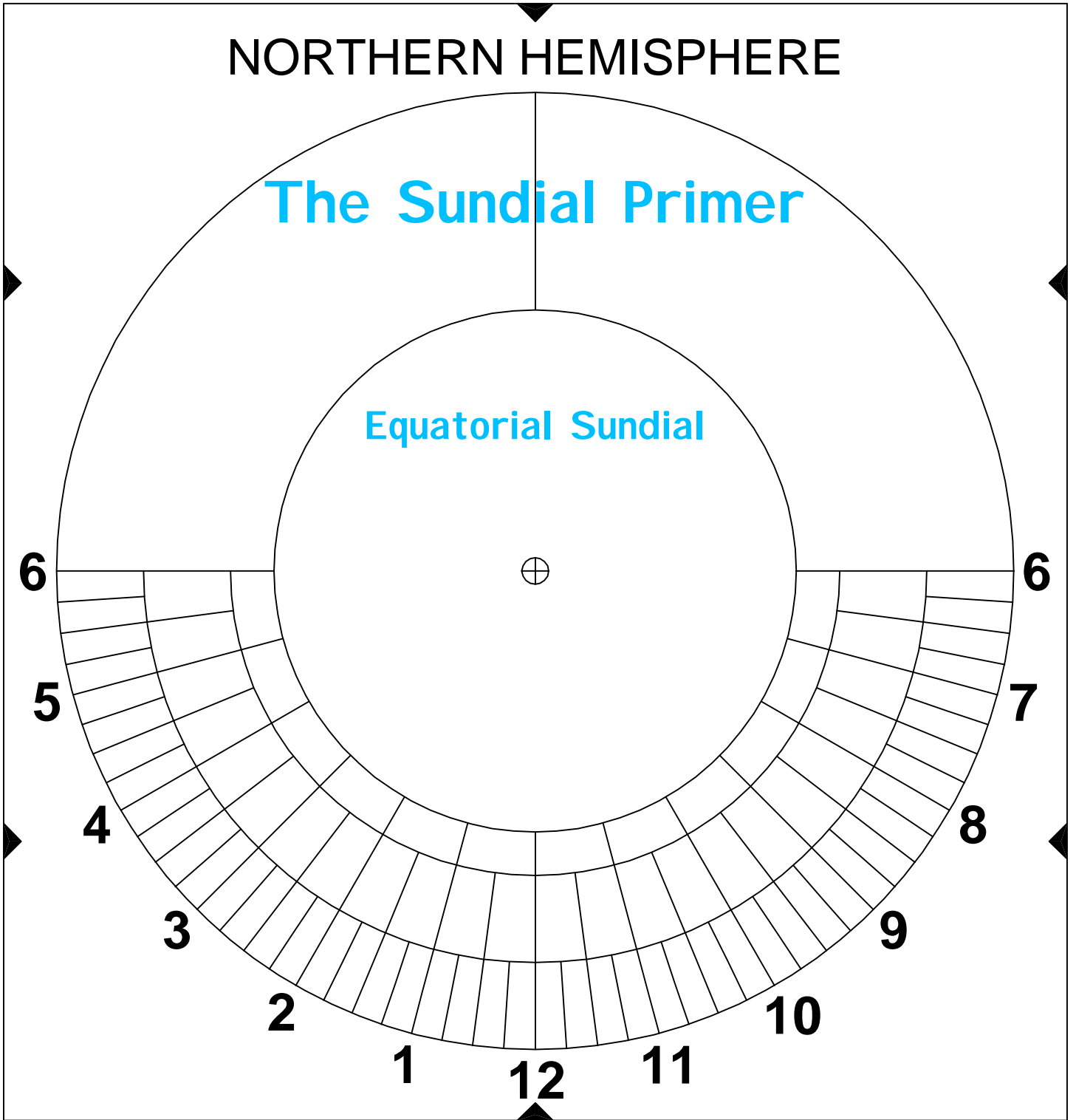


NORTHERN HEMISPHERE

The Sundial Primer

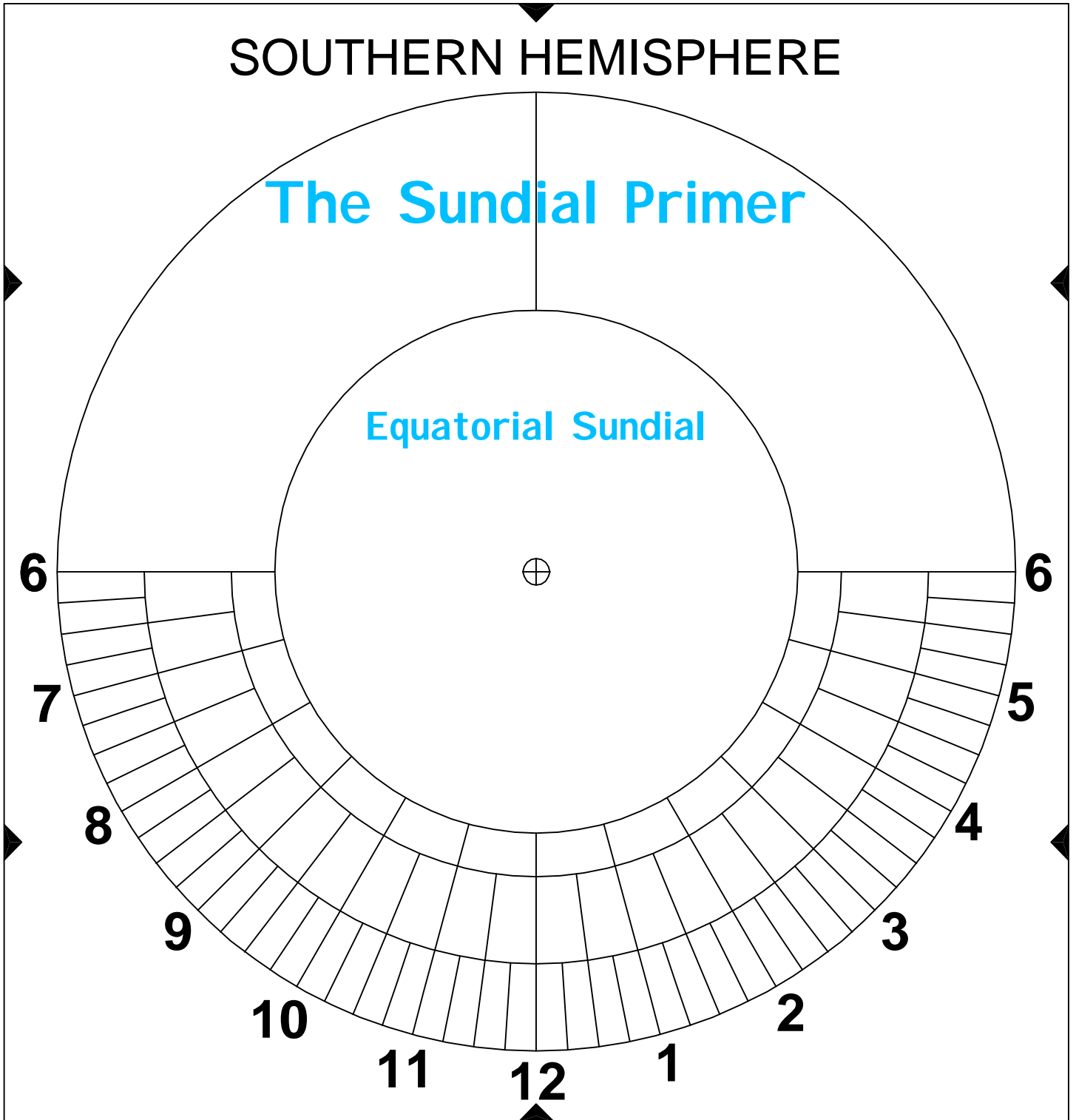
Equatorial Sundial



SOUTHERN HEMISPHERE

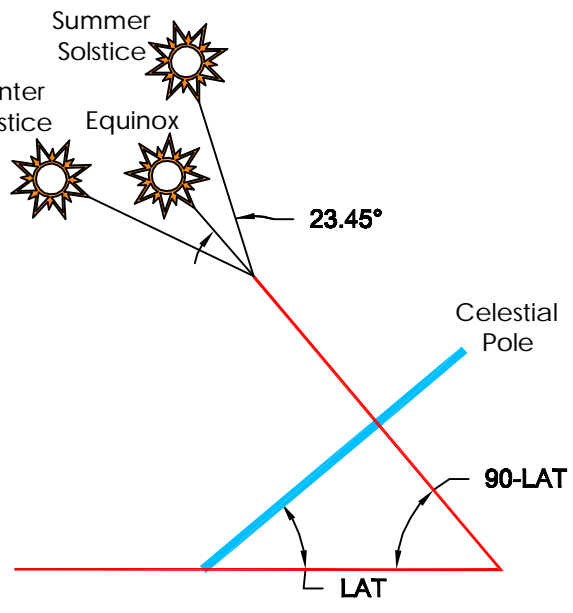
The Sundial Primer

Equatorial Sundial

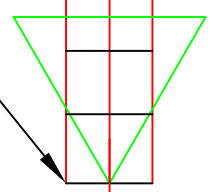


The Sundial Primer

A triangular post is required for latitudes below 24°. The straw is positioned on the post with its end at the 24° line.



70
60
50
40
30



Place end of straw here.
Mark straw at your latitude.
Mark this end of the straw as it will be placed on the guide to the left.

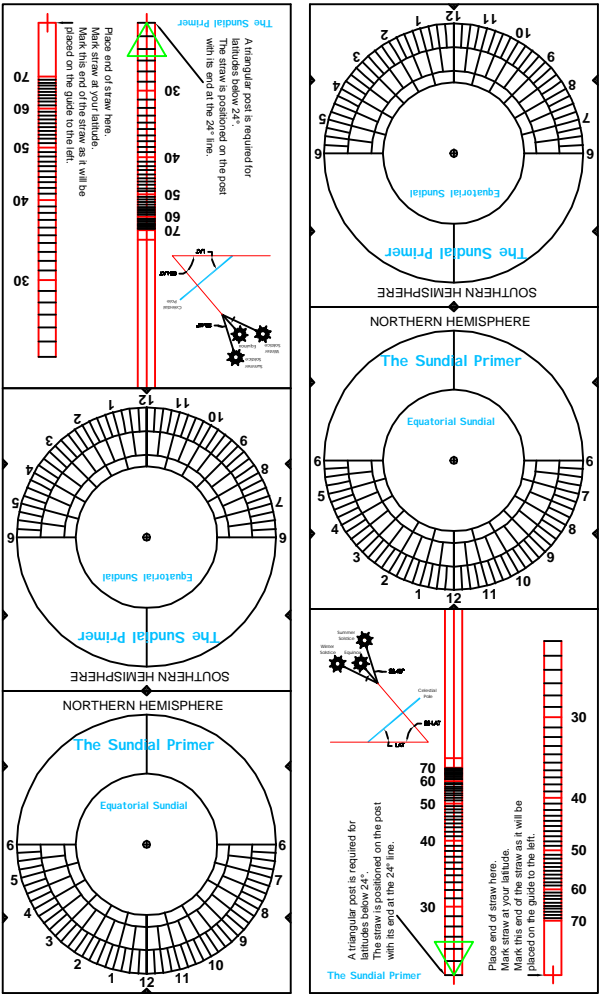


30
40
50
60
70

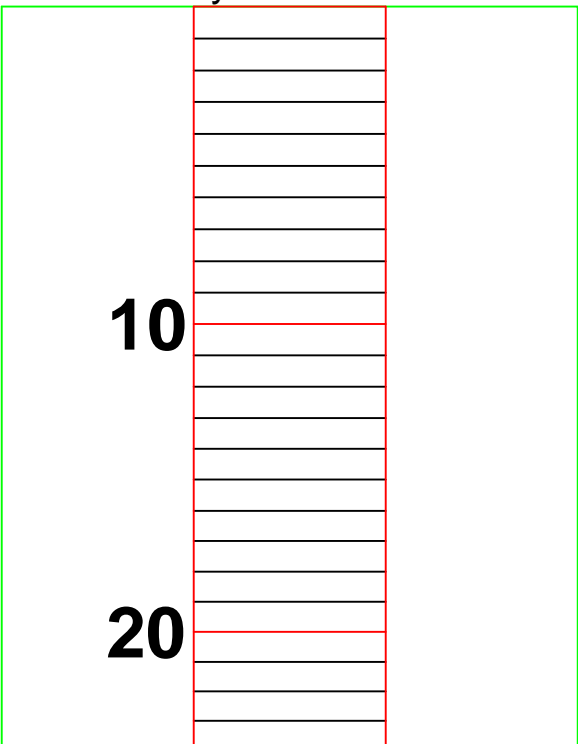
Print templates on card stock or glue thinner paper on to cardboard. Glue the dial faces together and tape to base using one of the layouts shown below. The small triangles can be cut out and used as guides. You can attach the paper base to a piece of wood using tacks. Use a wood dowel or straw, 3/16" in diameter or less, to make the gnomon. A second straw can be inserted into the first if a longer one is needed. Mark the straw length using the appropriate guide with tape placed towards the cross end. Cut the cross at the centre of the dial using a craft knife. Using a pencil make a hole into which the straw will fit snugly. Push the straw through the back of dial plate until tape touches the dial. Tape the straw from the front. Place the end of the straw on the latitude line for your location. Secure the straw with tape.

A triangular post is needed for latitudes below 24°. Cut out to correct height, fold on lines and tape together. Tape on to triangle on dial base. Use guide on this sheet to mark the straw.

Print all pages at the same scale. Full scale is best. Do not use "Fit to Page".



Northern Hemisphere
Southern Hemisphere
Select the correct dial layout for your location.

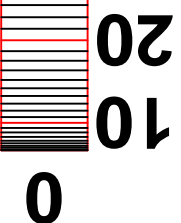


Place end of straw here.

Mark straw at your latitude.

Mark this end of the straw as it will be placed on the triangular post.

Straw length for latitudes below 24°.



The Sundial Primer