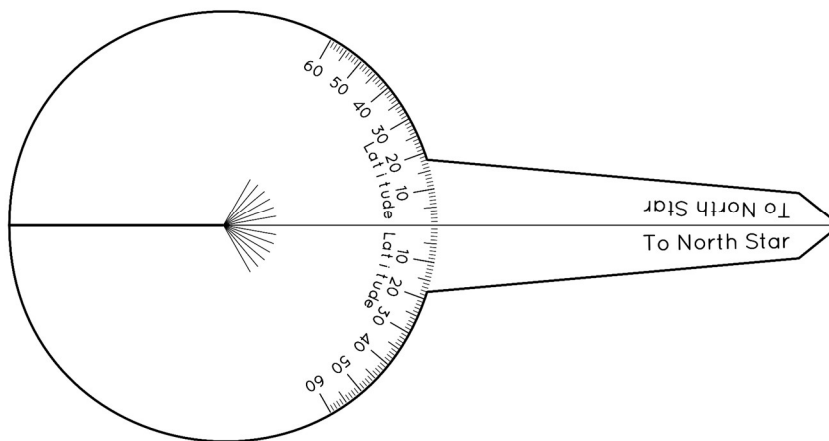
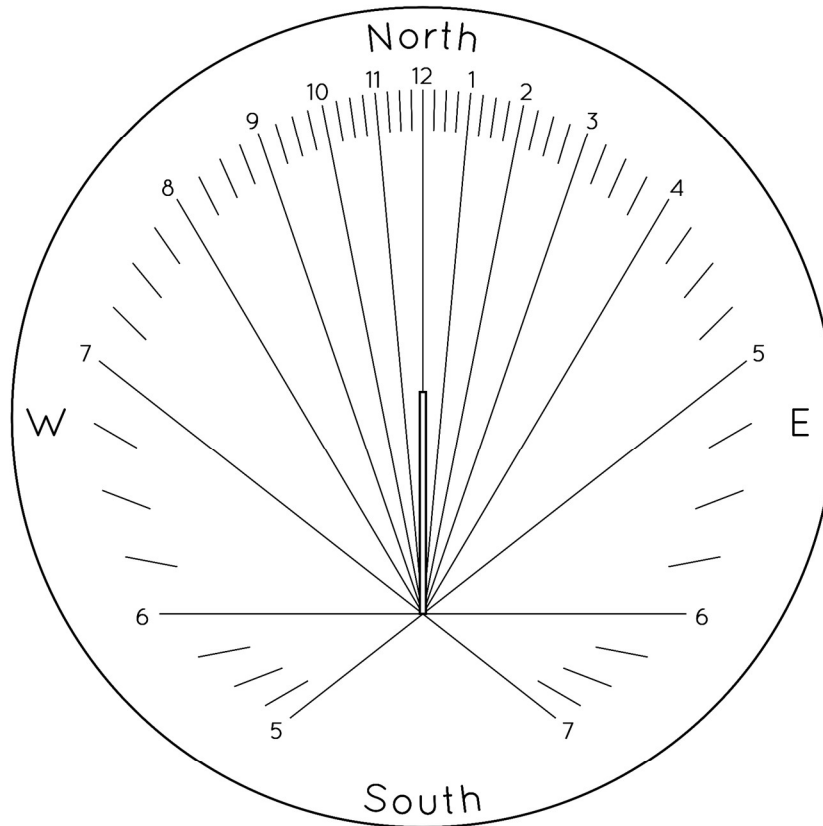


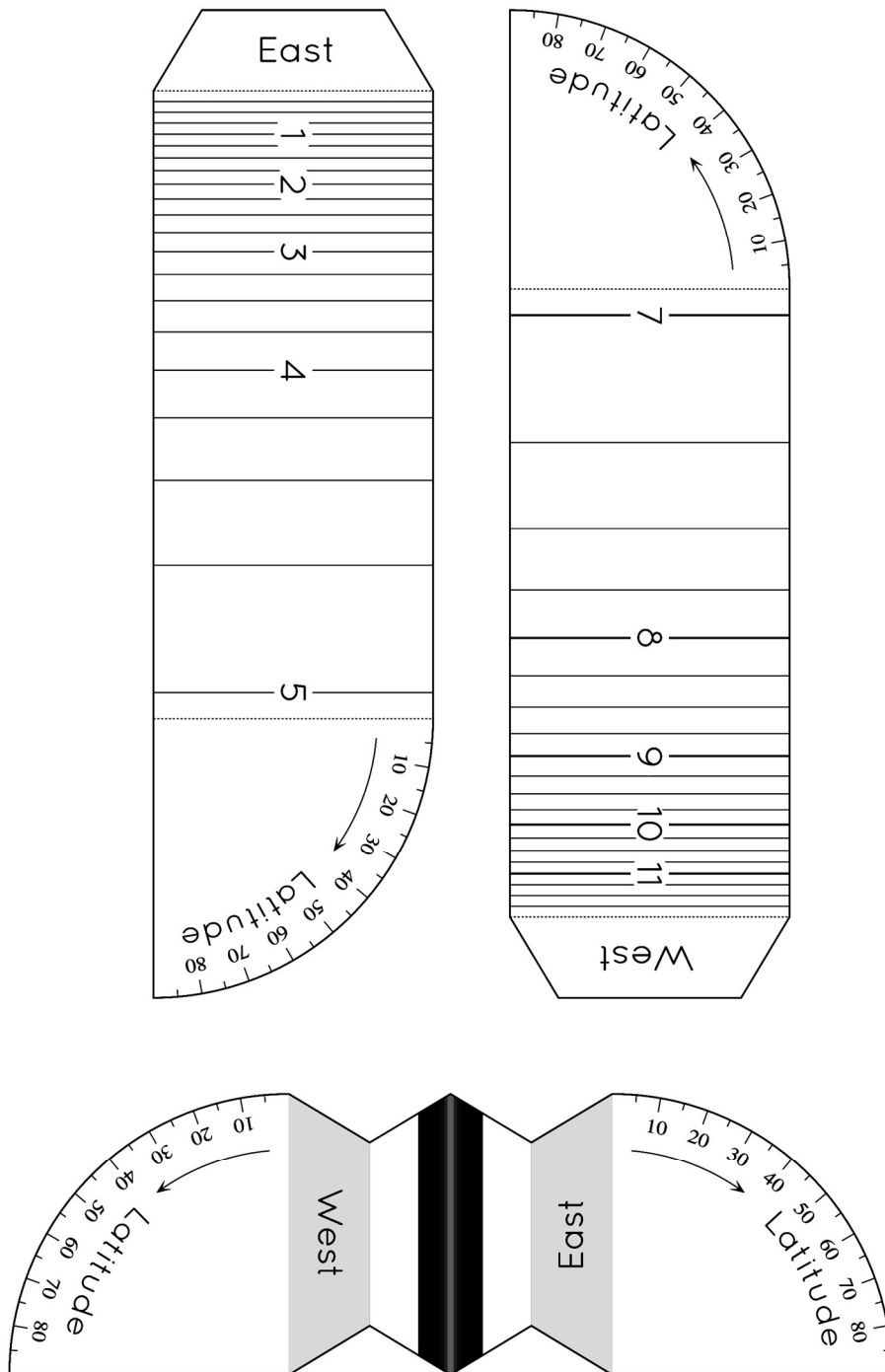
A Simple Horizontal Sundial

(Hour marks accurate for Latitude 20°N)



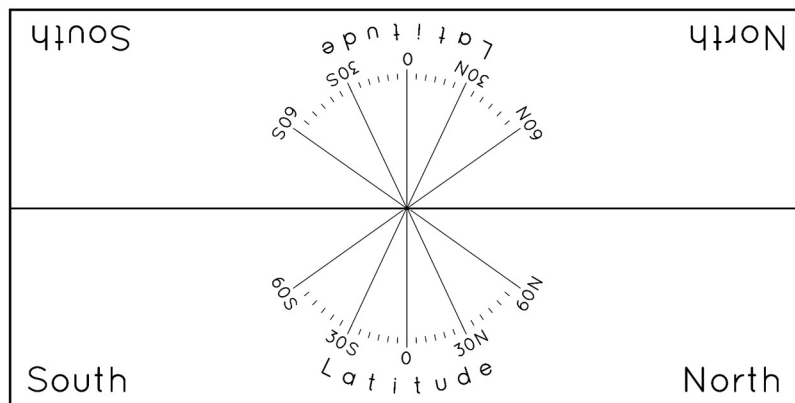
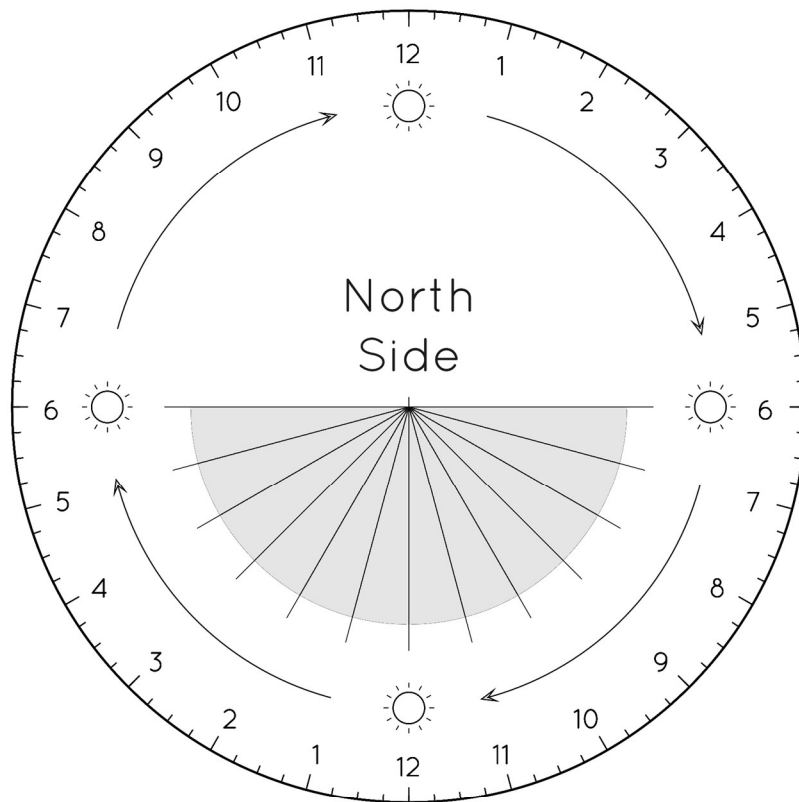
1. Mark the folding lines for the gnomon: Draw a line on each side of the gnomon's centerline, starting at the center and ending at the mark for your latitude. These become the folding lines along which you will fold the paper to make the flaps that will rest against the bottom of the dial.
2. Cut out the sundial pieces along the thick black lines, including the gnomon base incision and the slot in the dial.
3. Fold the gnomon in half along the centerline, then fold up the two flaps along the latitude lines.
4. Insert the gnomon into the slot on the dial and secure it with tape or glue.

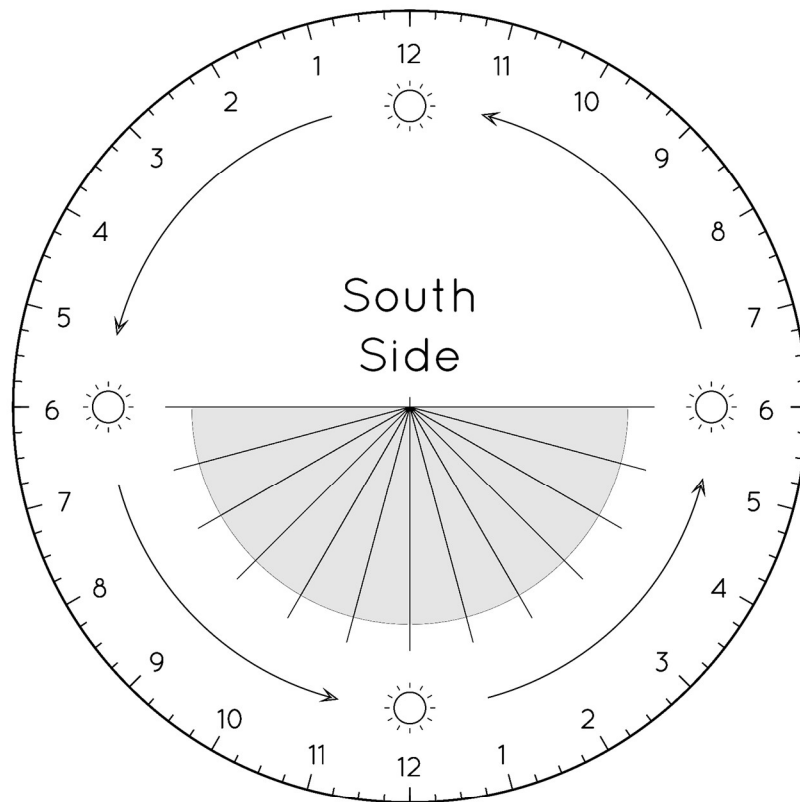
A Simple Polar Sundial (for the Northern Hemisphere)



1. Rough-cut the design first, leaving extra paper around the edges.
2. Mark the latitude on the sundial before trimming the final shape.
3. Trim the sundial carefully along the marked lines after adding the latitude marks.
4. Fold the gnomon in half along its centerline.
5. Fold the “East” and “West” tabs on the plate and glue them onto the corresponding sides of the gnomon.
6. Fold down ends to serve as feet, depending on your latitude.

A Simple Equatorial Sundial





1. Cut and glue the two sides of the sundial back-to-back, making sure that the markings on both sides are perfectly aligned.
2. Cut out the rectangular base and fold the base in half along the centerline.
3. Make an incision in the folded base at the angle that corresponds to your latitude.
4. Fasten a toothpick or pin in the center of the dial.
5. Place the dial in the slot on the base, making sure the north side faces north.