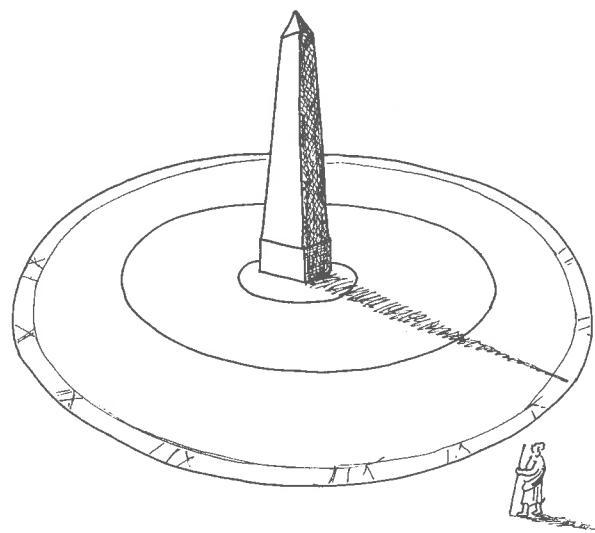


and play with her beautiful dolls. When Julia stopped playing with them, Claudia wrapped her dolls up and put them carefully away, saying they should be kept for Julia's daughters!

## ACTIVITY

# HOROLOGIUM

A sundial consists of a pointer, called a **gnomon** (NO-mon), and a flat surface, which is the dial. The hours of the day are marked on the dial. The gnomon's shadow on the dial points to the time of day. The emperor Augustus set up a huge sundial in the Campus Martius (CAMP-oos MAR-tee-oos), or Field of Mars, on the edge of the city of Rome. This sundial was called the Solarium Augustii (so-LAHR-ee-oom ow-GOOS-tee-ee) (Augustus's sundial), or the Horologium (clock). The hours were marked out on the ground. The pointer was a tall **obelisk**, or pointed column built as a memorial, brought back from Egypt.



You can make a small sundial to tell the hours. You may want to write a motto on your sundial. Choose from the Latin mottoes on page 65.

## LATIN MOTTOES

*Tempus fugit.*

*Carpe diem.*

*Ecce hora* (EK-kay HO-rah).

*Festina lente.*

*Lux post umbram.*

*Non sine lumine.*

*Sol splendet omnibus.*

Time flies.

Seize the day.

Now is the hour.

Make haste slowly.

Light after shadow.

Nothing without light.

The sun shines on everyone.

## MATERIALS

pencil

ruler

8-inch (20-cm) square of foam board (from a crafts supply store)  
or corrugated cardboard

drawing compass

scissors

5-by-3-inch (12.5-by-7.5-cm) piece of corrugated cardboard

white glue

black marker

Latin Mottoes list

**1.** Use the pencil and ruler to draw a diagonal line from corner to corner on the foam board square. Draw another diagonal line between the other corners. The point where the diagonal lines cross is the center point.

**2.** Place the drawing compass on the center point. Use the pencil and compass to draw an 8-inch (20-cm) circle on the foam board. Cut out the circle. This will be the dial.

**3.** Measure in 1 inch (2.5 cm) from the bottom left corner on the long side of the 5-by-3-inch (12.5-by-7.5-cm) piece of corrugated cardboard. Mark this point X.

