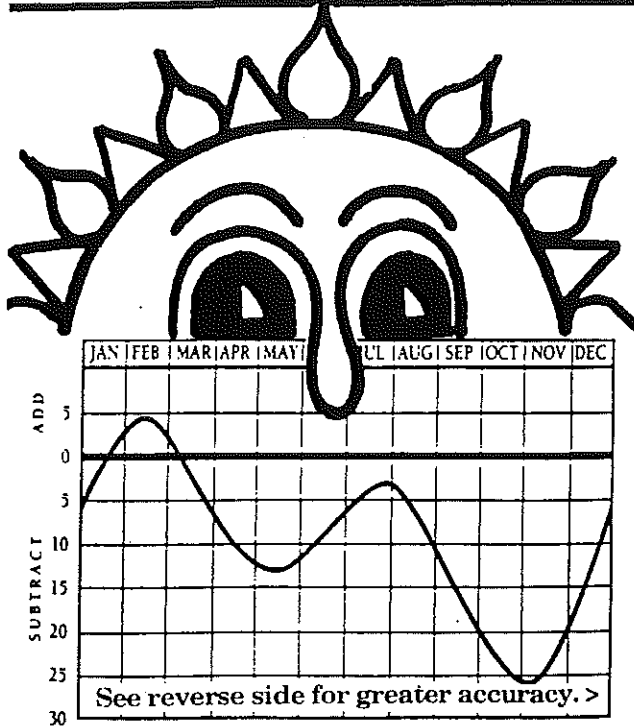
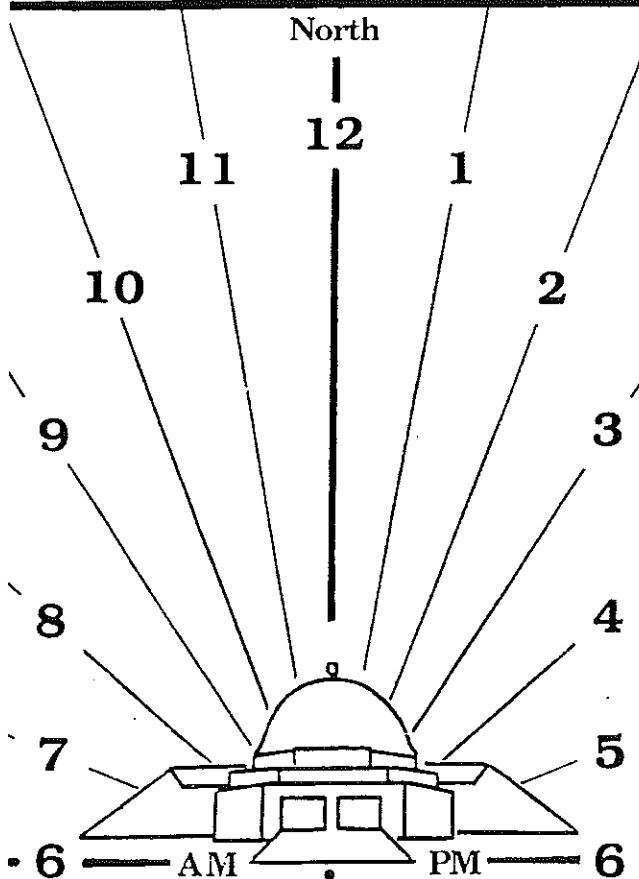


Pocket Sundial

CUT DOWN TO LINE



FOLD HERE

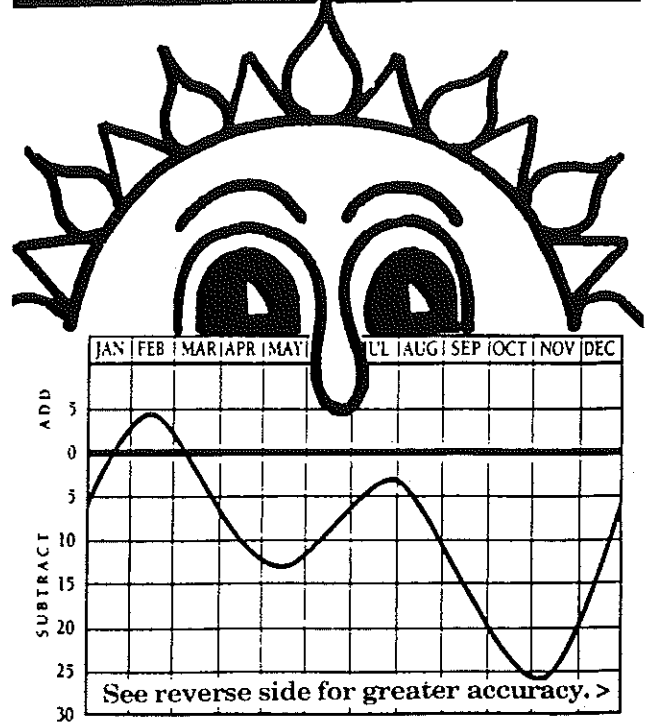


Add 1 Hour During Daylight Savings Time

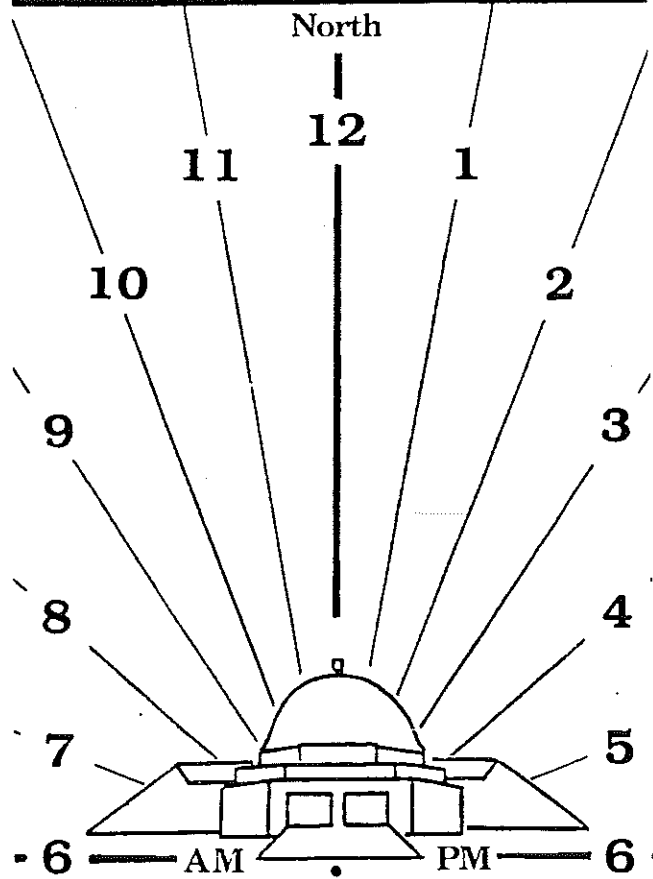
CUT UP TO LINE

Pocket Sundial

CUT DOWN TO LINE



FOLD HERE

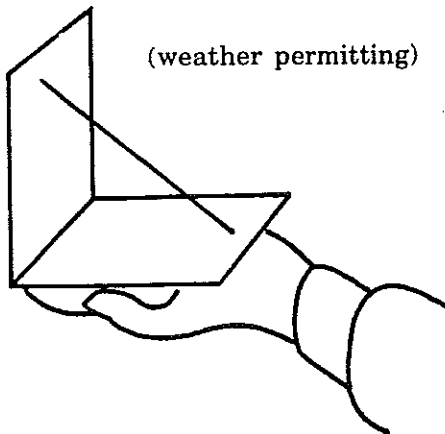


Add 1 Hour During Daylight Savings Time

CUT UP TO LINE

Directions

- Use scissors to cut through the dotted lines on both ends of the sundial. Stop at line.
- Cut a piece of string 8 in (20 cm) long.
- Fold sundial along the fold line making sure that Sun's face is on top of the hour scale.
- Open sundial into an "L" shape.
- Slide string ends through the slits.
- Use tape to secure loose string on opposite side.
- Face North, holding sundial flat in palm, with Sun picture upright and facing you.
- Read the time of day using the shadow cast by the string on the hour scale.



For Greater Accuracy:

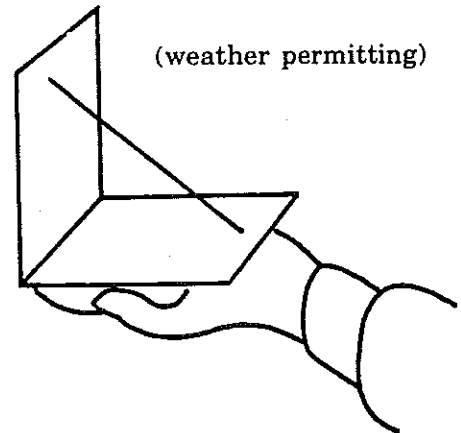
To account for the difference between the average Chicagoland longitude (88 degrees) and the longitude of the center of our time zone (90 degrees), and to account for the Earth speeding up and slowing down during the year, **add** or **subtract** the number of minutes indicated on the graph.



ADLER PLANETARIUM
ASTRONOMY MUSEUM

Directions

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ADLER PLANETARIUM
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