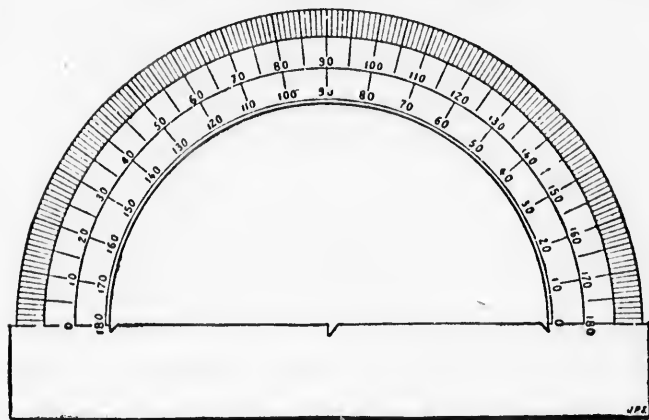


XI.

CIRCULAR MEASURE.



60 seconds (")	=	1 minute (').
60 minutes	=	1 degree (°).
360 degrees	=	1 circumference.

For purposes of measurement the circumference of a circle is divided into 360 equal parts called degrees.

1. How many degrees in half a circumference?
2. How many degrees in a quadrant ($\frac{1}{4}$ circle)?
3. How many degrees in $\frac{1}{6}$ of the circumference? $\frac{1}{6}$ of the cir.? $\frac{1}{6}$ of the cir.? $\frac{1}{10}$ of the cir.?
4. Through how many degrees does the hour-hand of a clock move in 12 hrs.? In 6 hrs.? In 3 hrs.? In 1 hr.?
5. Through how many degrees does the minute-hand of a clock move in 1 hr.? In $\frac{1}{2}$ hr.? In 10 min.? In 1 min.?
6. In making a journey round the world through how many degrees would you pass?