

Postulates - Angle Measurement

Postulate

For every angle there is a unique number between 0 and 180 called the measure of the angle.

The next postulate parallels the Ruler Postulate introduced earlier.

Protractor Postulate

The set of rays which have a common endpoint O in the edge of a half-plane, and which lie in the half-plane, can be paired with the numbers between 0 and 180 in such a way that:

1. One of the rays in the edge is paired with 0 and the other is paired with 180;
2. If \overline{OA} is paired with x and \overline{OB} is paired with y , then $m\angle AOB = |x - y|$

