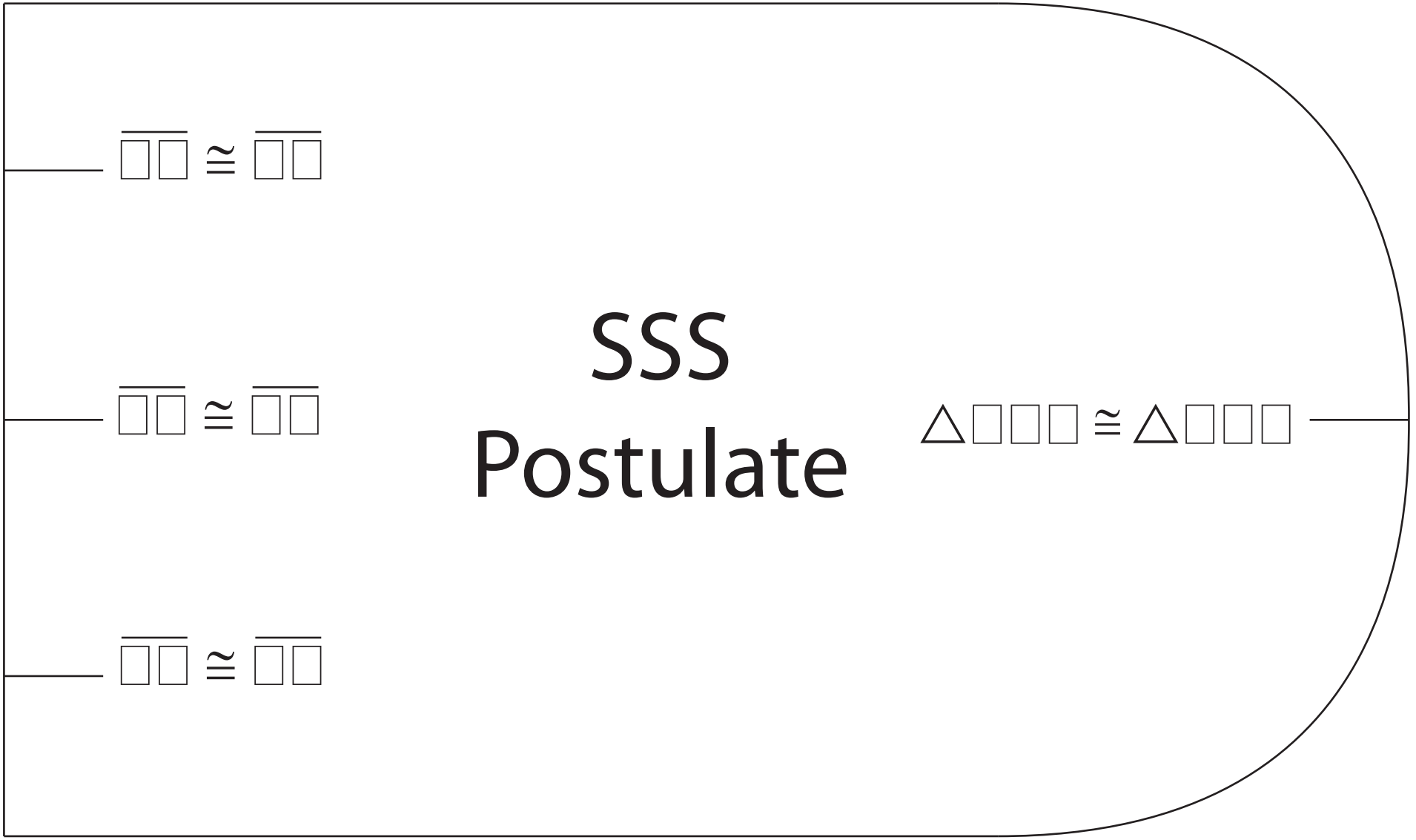
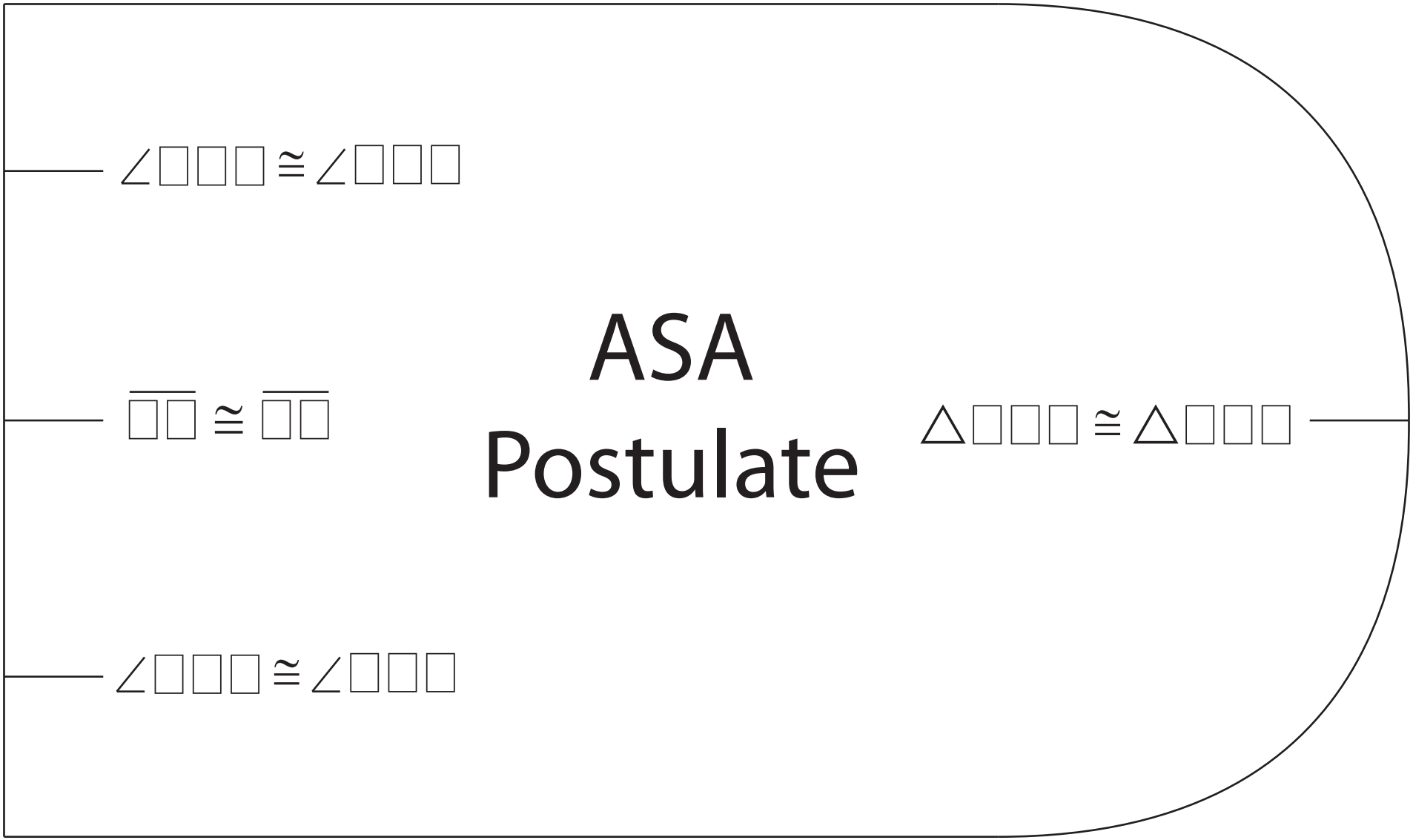
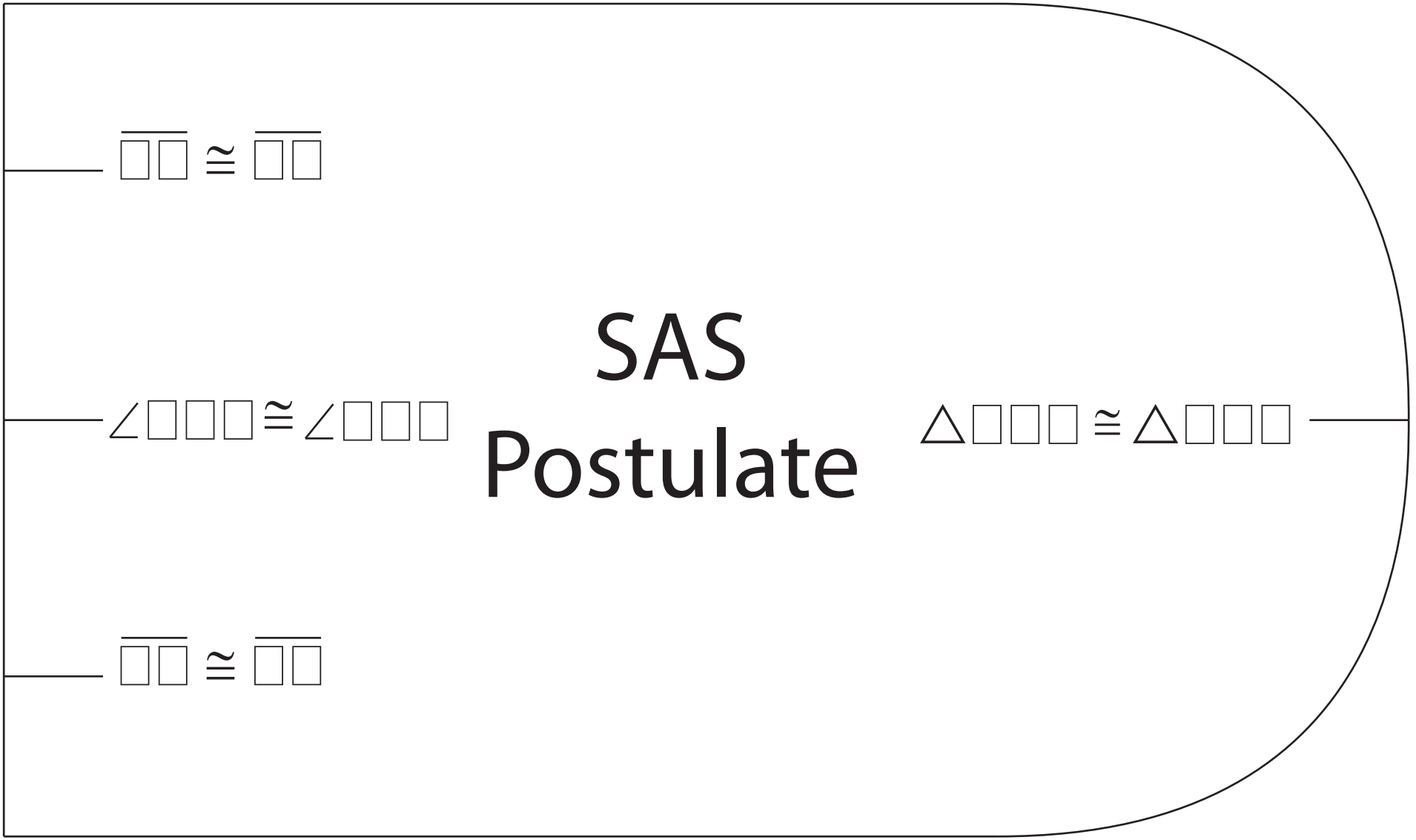
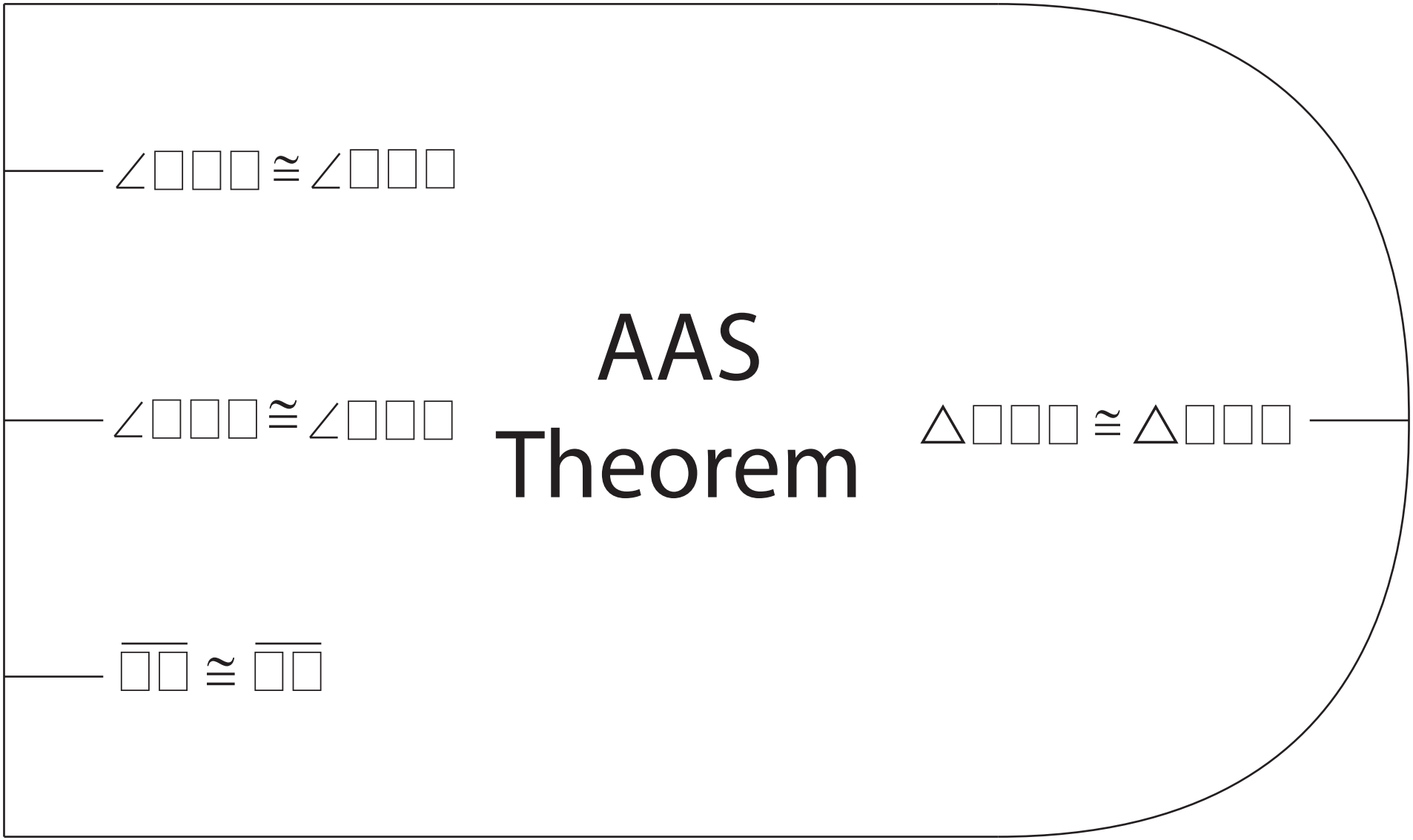

□□ ≅ □□
□□ ≅ □□
□□ ≅ □□
SSS
Postulate
△□□□ ≅ △□□□


∠□□□ ≅ ∠□□□
□□ ≅ □□
∠□□□ ≅ ∠□□□
ASA
Postulate
△□□□ ≅ △□□□


□□ ≅ □□
∠□□□ ≅ ∠□□□
□□ ≅ □□
SAS
Postulate
△□□□ ≅ △□□□


∠□□□ ≅ ∠□□□
∠□□□ ≅ ∠□□□
□□ ≅ □□
AAS
Theorem
△□□□ ≅ △□□□

Picture

Reflexive Property

$\overline{\square\square} \cong \overline{\square\square}$

or

$\angle\square\square\square \cong \angle\square\square\square$

Vertical Angles Theorem

Picture

$\angle\square\square\square \cong \angle\square\square\square$

Definition of a Midpoint

□ is the midpoint of $\overline{□□}$

$\overline{□□} \cong \overline{□□}$

Definition of Perpendicular Lines

$\overline{\square\square} \perp \overline{\square\square}$

$\angle\square\square\square \cong \angle\square\square\square$

or

$m\angle\square\square\square = 90°$

Definition of a Segment Bisector

$\overline{\square\square}$ is the bisector of $\overline{\square\square}$

$\overline{\square\square} \cong \overline{\square\square}$

Definition of a Perpendicular Bisector

$\overline{\square\square}$ is the $\perp$ bisector of $\overline{\square\square}$

$\overline{\square\square} \perp \overline{\square\square}$

$\square$ is the midpoint of $\overline{\square\square}$

Definition of an Angle Bisector

$\overline{\square\square}$ is the bisector of $\angle\square\square\square$

$\angle\square\square\square \cong \angle\square\square\square$

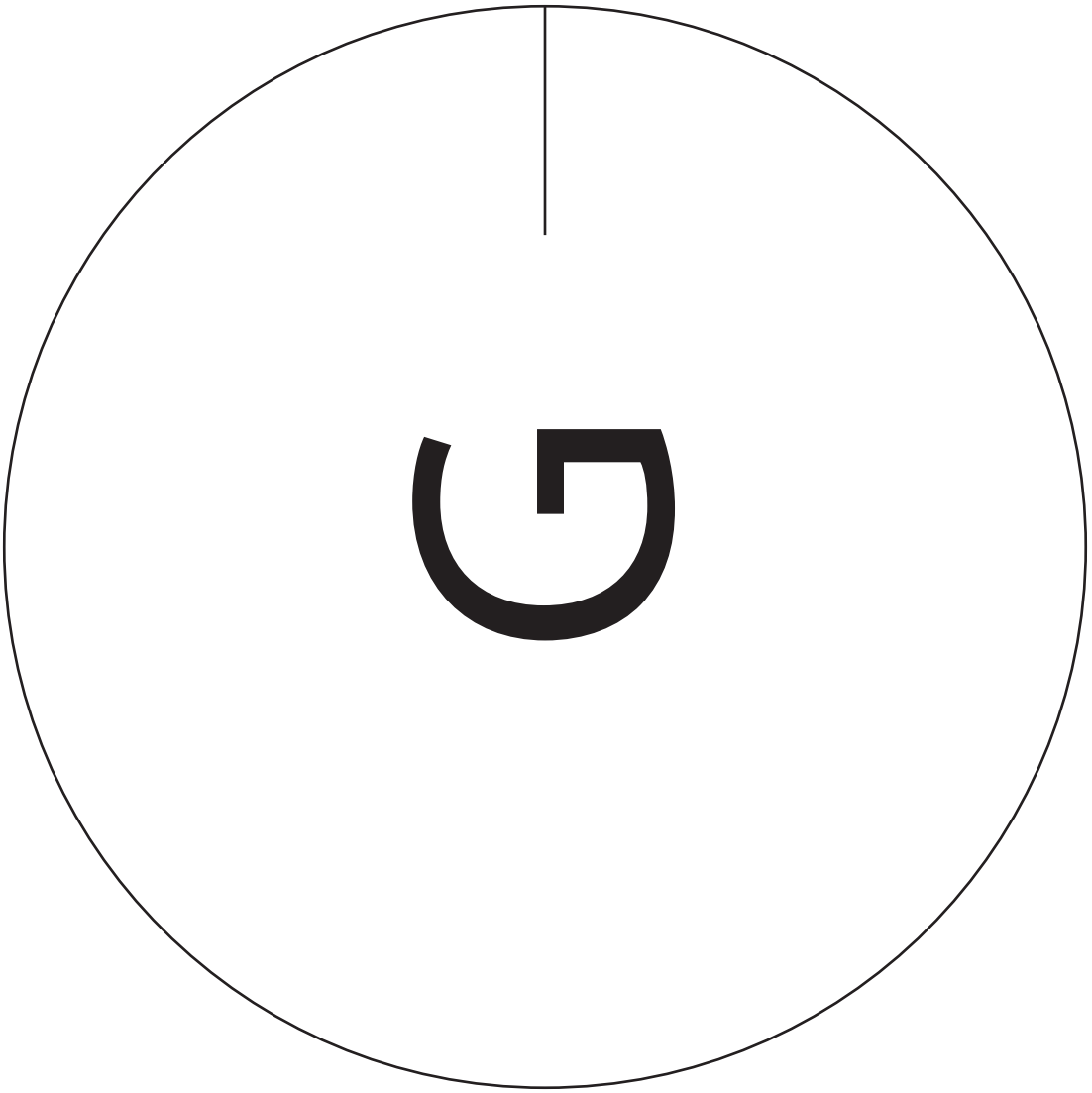
△□□□ ≅ △□□□

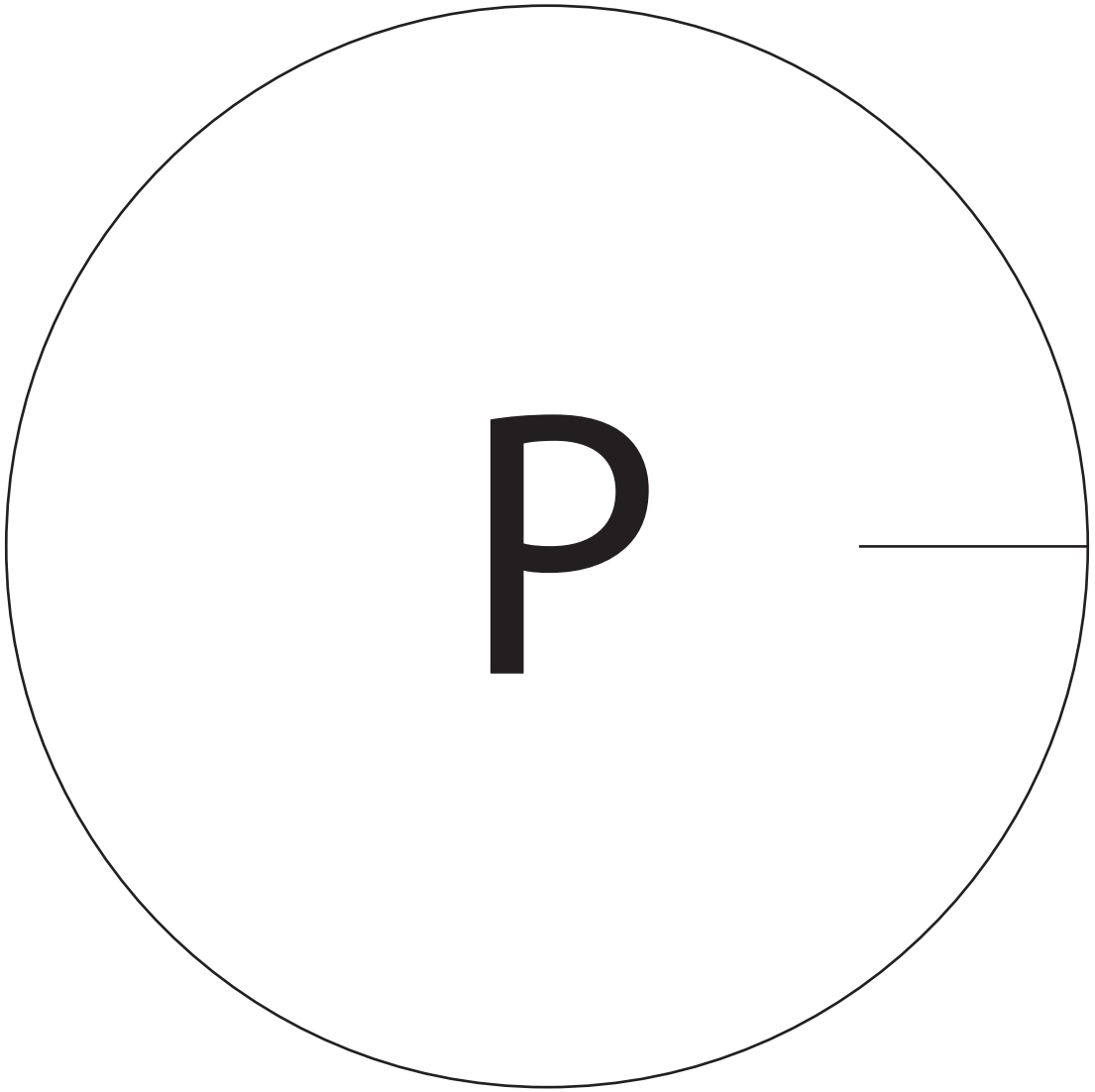
CPCTC

∠□□□ ≅ ∠□□□

or

$\overline{\square\square} \cong \overline{\square\square}$


G


P