

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

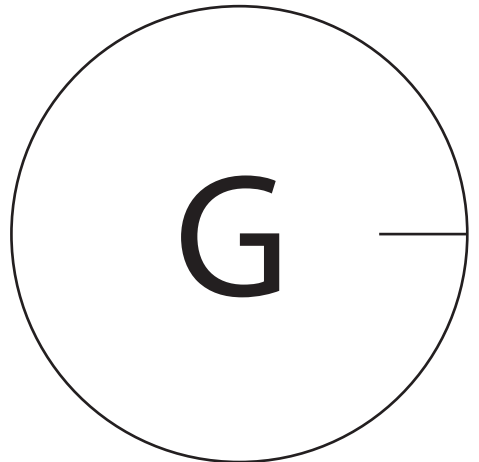
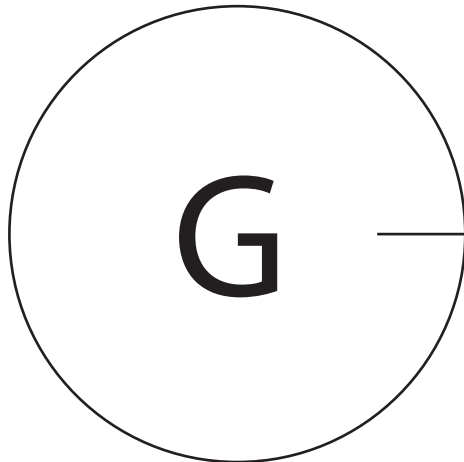
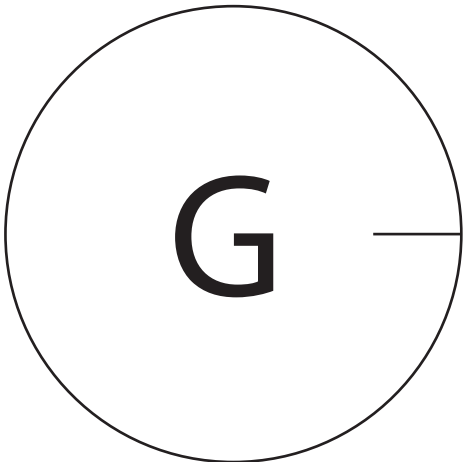
SSS Postulate

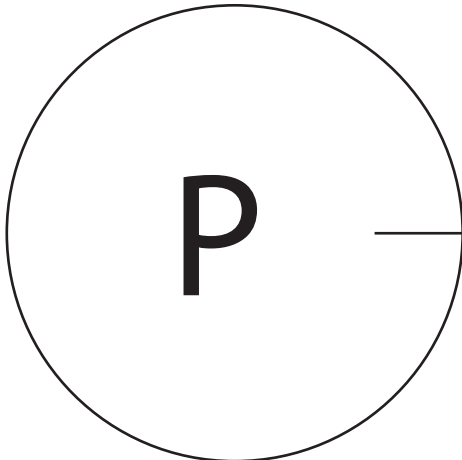
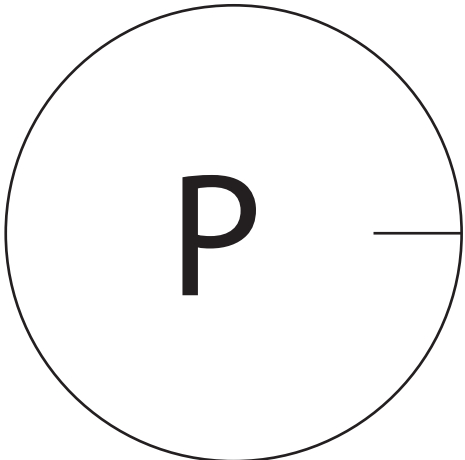
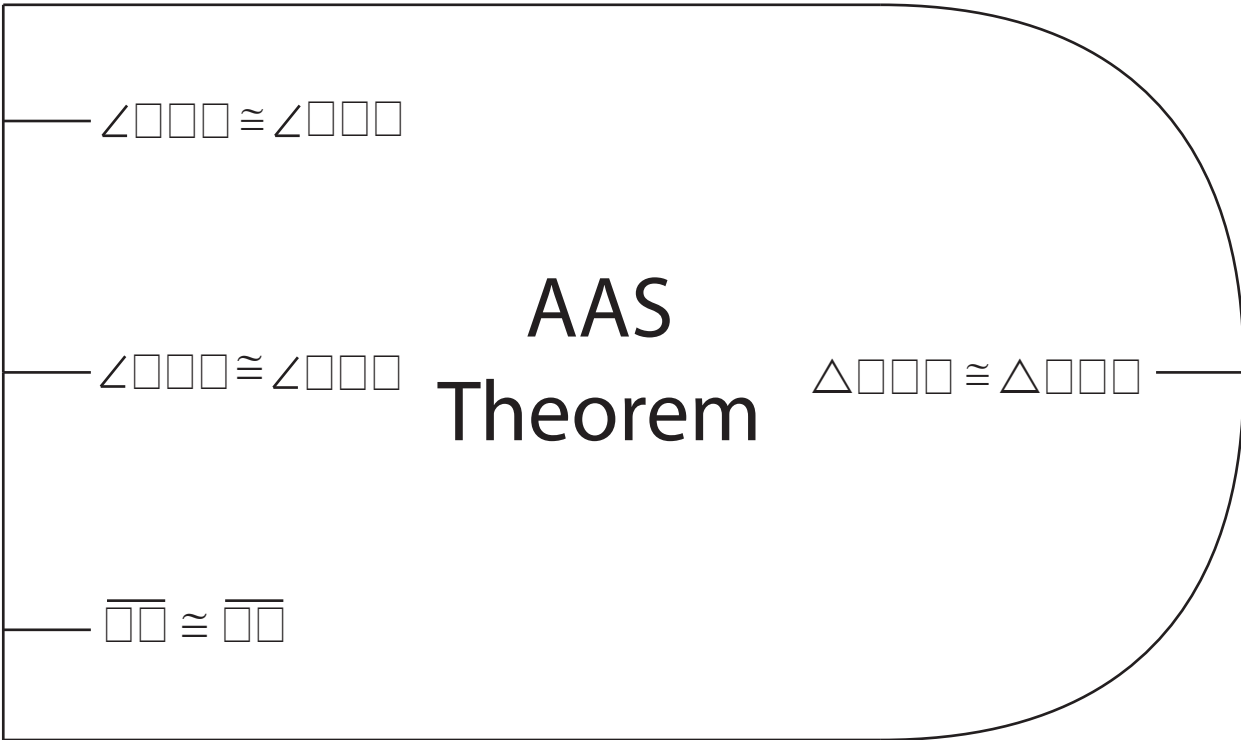
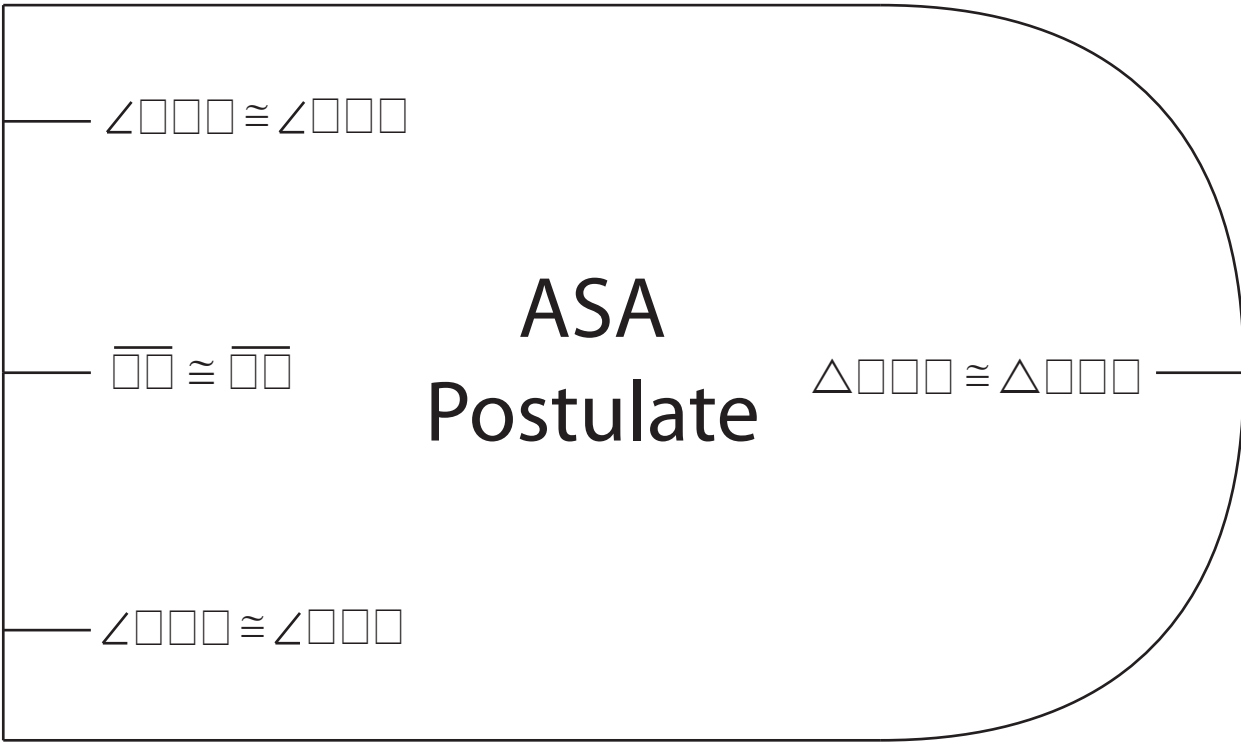
$\triangle\square\square\square \cong \triangle\square\square\square$

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

SAS Postulate

$\triangle\square\square\square \cong \triangle\square\square\square$





Definition of a Midpoint

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

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

Vertical Angles Theorem

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

Picture

Definition of a Midpoint

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

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

Reflexive Property

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

or

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

Picture

Definition of a Segment Bisector

— \overline{AB} is the
bisector of \overline{CD}

$$\overline{AD} \cong \overline{BC}$$

Definition of an Angle Bisector

— \overline{AD} is the
bisector of $\angle CAB$

$$\angle CAD \cong \angle DAB$$

Definition of a Segment Bisector

$$\overline{AD} \cong \overline{BC}$$

— \overline{AD} is the
bisector of \overline{BC}

Definition of an Angle Bisector

$$\angle CAD \cong \angle DAB$$

— \overline{AD} is the
bisector
of $\angle CAB$

$$\triangle ABC \cong \triangle DEF$$

CPCTC

$$\angle A \cong \angle D$$

or

$$\overline{AC} \cong \overline{DF}$$

Definition of Perpendicular Lines

$$\overline{AB} \perp \overline{CD}$$

$$\angle A \cong \angle D$$

or

$$m\angle A = 90^\circ$$

Definition of Perpendicular Lines

$$\angle A \cong \angle D$$

or

$$m\angle A = 90^\circ$$

$$\overline{AB} \perp \overline{CD}$$