

$\overline{AB} \cong \overline{AB}$
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SSS Postulate

$\triangle ABC \cong \triangle ABC$

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 $\overline{AB} \cong \overline{AB}$
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ASA Postulate

$\triangle ABC \cong \triangle ABC$

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SAS Postulate

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 $\overline{AB} \cong \overline{AB}$

AAS Theorem

$\triangle ABC \cong \triangle ABC$

Picture

Reflexive Property

$\overline{AB} \cong \overline{AB}$
 or
 $\angle ABC \cong \angle ABC$

Picture

Vertical Angles Theorem

$\angle ABC \cong \angle ABC$

□ is the midpoint of \overline{AB}

Definition of a Midpoint

$\overline{AQ} \cong \overline{QB}$

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

Definition of Perpendicular Lines

$\angle AQB \cong \angle CQD$
or
 $m\angle AQB = 90^\circ$

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

Definition of a Segment Bisector

$\overline{AQ} \cong \overline{QB}$

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

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

Definition of a Perpendicular Bisector

□ is the midpoint of \overline{AB}

\overline{CD} is the bisector of $\angle AQB$

Definition of an Angle Bisector

$\angle AQC \cong \angle CQB$

$\triangle ABC \cong \triangle DEF$

CPCTC

$\angle A \cong \angle D$
or
 $\overline{AC} \cong \overline{DF}$