

ASA Triangle Congruence Postulate

Jonathan R. Bacolod

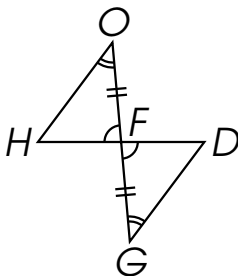
Sauyo High School

ASA (Side-Angle-Side) Congruence Postulate

If the two angles and the included side of one triangle are congruent to the corresponding two angles and an included side of another triangle, then the triangles are congruent.

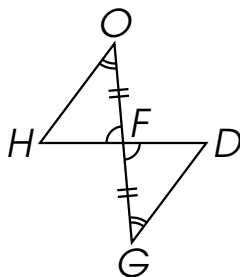
Example 1

Show that $\triangle OFH$ and $\triangle GFD$ are congruent using the ASA triangle congruence postulate.



Example 1

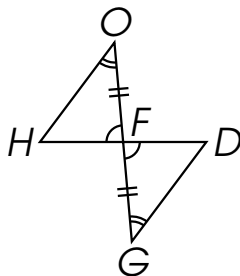
Show that $\triangle OFH$ and $\triangle GFD$ are congruent using the ASA triangle congruence postulate.



$$\angle OFH \cong$$

Example 1

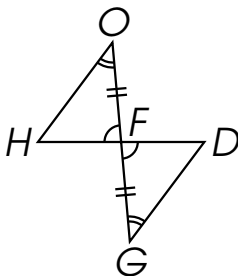
Show that $\triangle OFH$ and $\triangle GFD$ are congruent using the ASA triangle congruence postulate.



$$\angle OFH \cong \angle GFD$$

Example 1

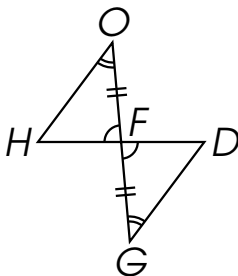
Show that $\triangle OFH$ and $\triangle GFD$ are congruent using the ASA triangle congruence postulate.



$$\begin{aligned}\angle OFH &\cong \angle GFD \\ \overline{FO} &\cong \overline{FG}\end{aligned}$$

Example 1

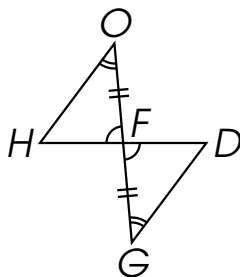
Show that $\triangle OFH$ and $\triangle GFD$ are congruent using the ASA triangle congruence postulate.



$$\begin{aligned}\angle OFH &\cong \angle GFD \\ \overline{FO} &\cong \overline{FG}\end{aligned}$$

Example 1

Show that $\triangle OFH$ and $\triangle GFD$ are congruent using the ASA triangle congruence postulate.

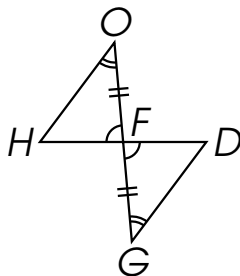


$$\begin{aligned}\angle OFH &\cong \angle GFD \\ \overline{FO} &\cong \overline{FG}\end{aligned}$$

$$\angle O \cong$$

Example 1

Show that $\triangle OFH$ and $\triangle GFD$ are congruent using the ASA triangle congruence postulate.

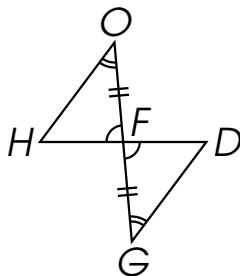


$$\begin{aligned}\angle OFH &\cong \angle GFD \\ \overline{FO} &\cong \overline{FG}\end{aligned}$$

$$\angle O \cong \angle G$$

Example 1

Show that $\triangle OFH$ and $\triangle GFD$ are congruent using the ASA triangle congruence postulate.

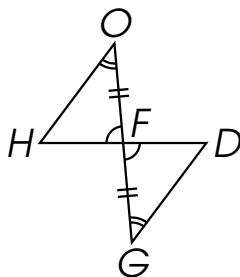


$$\begin{aligned}\angle OFH &\cong \angle GFD \\ \overline{FO} &\cong \overline{FG}\end{aligned}$$

$$\begin{aligned}\angle O &\cong \angle G \\ \therefore \triangle OFH &\cong\end{aligned}$$

Example 1

Show that $\triangle OFH$ and $\triangle GFD$ are congruent using the ASA triangle congruence postulate.

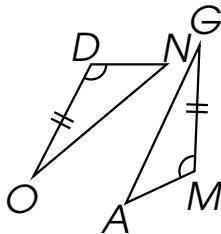


$$\begin{aligned}\angle OFH &\cong \angle GFD \\ \overline{FO} &\cong \overline{FG}\end{aligned}$$

$$\begin{aligned}\angle O &\cong \angle G \\ \therefore \triangle OFH &\cong \triangle GFD\end{aligned}$$

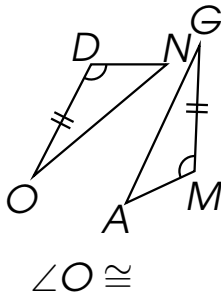
Example 2

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



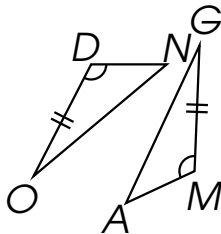
Example 2

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



Example 2

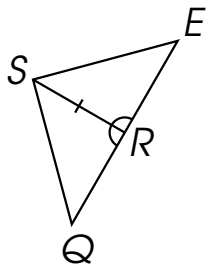
The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



$$\angle O \cong \angle G$$

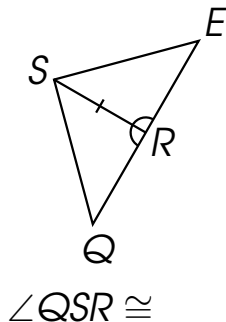
Example 3

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



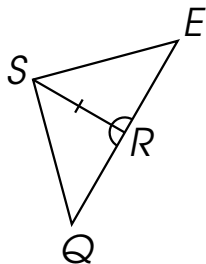
Example 3

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



Example 3

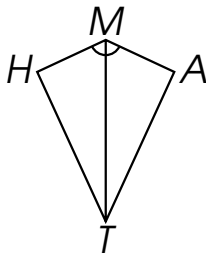
The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



$$\angle QSR \cong \angle ESR$$

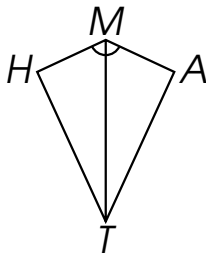
Example 4

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



Example 4

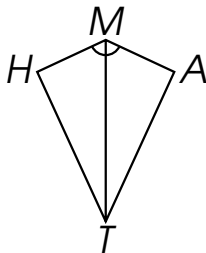
The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



$$\angle HTM \cong$$

Example 4

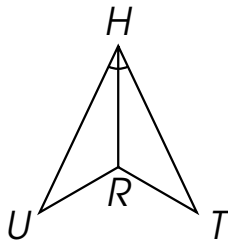
The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



$$\angle HTM \cong \angle ATM$$

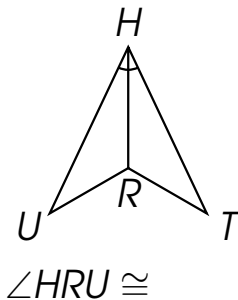
Example 5

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



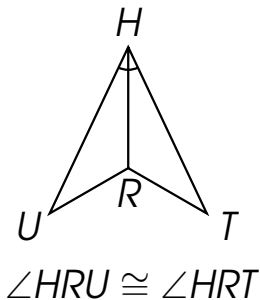
Example 5

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



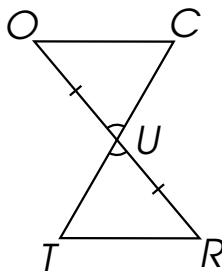
Example 5

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



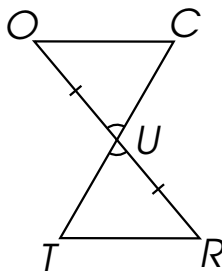
Example 6

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



Example 6

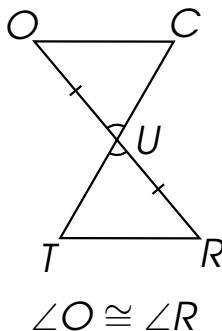
The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



$$\angle O \cong$$

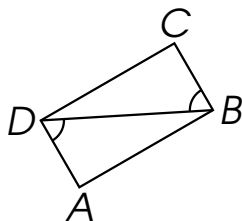
Example 6

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



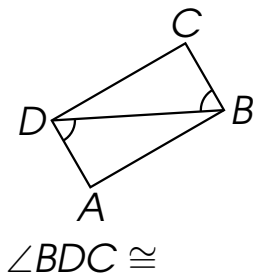
Example 7

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



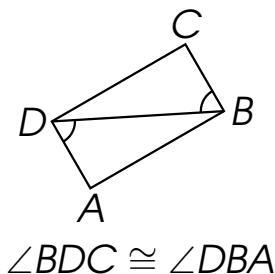
Example 7

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



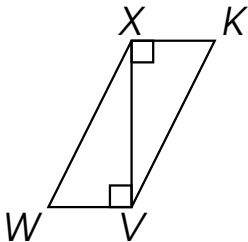
Example 7

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



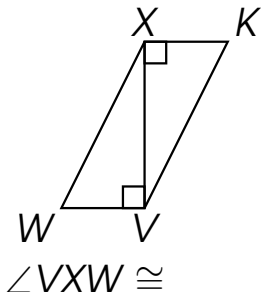
Example 8

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



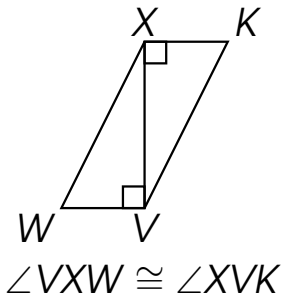
Example 8

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



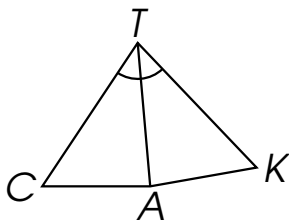
Example 8

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



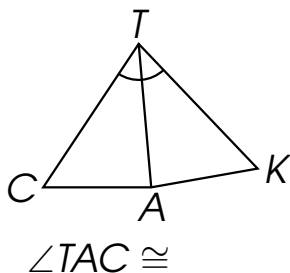
Example 9

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



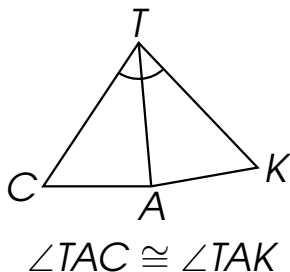
Example 9

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



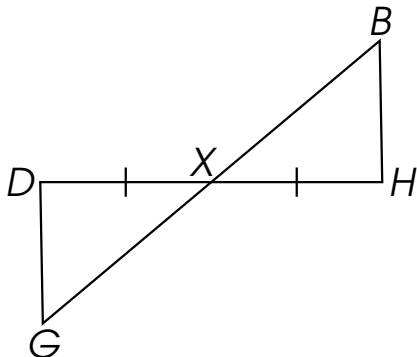
Example 9

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



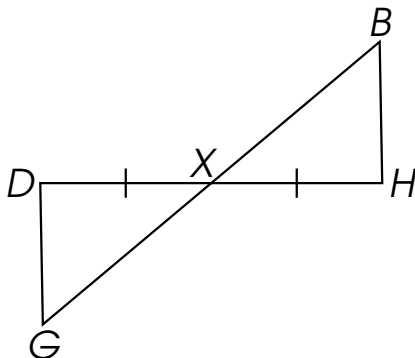
Example 10

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



Example 10

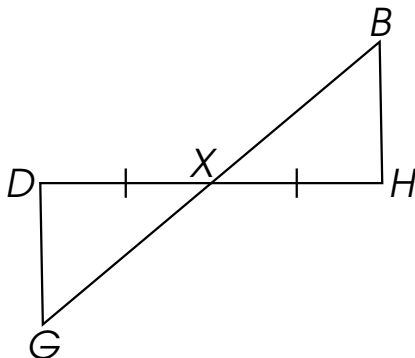
The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



$$\angle D \cong$$

Example 10

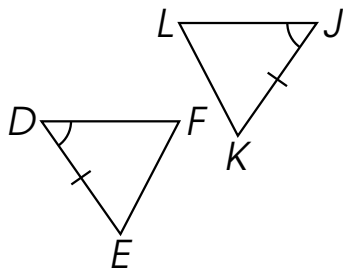
The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



$$\angle D \cong \angle H$$

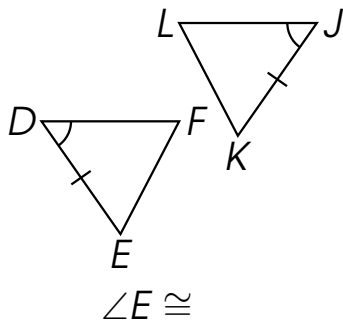
Example 11

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



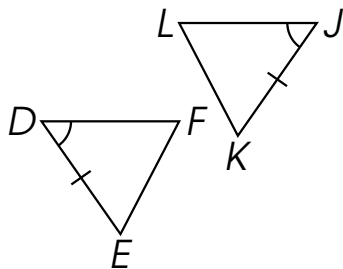
Example 11

The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



Example 11

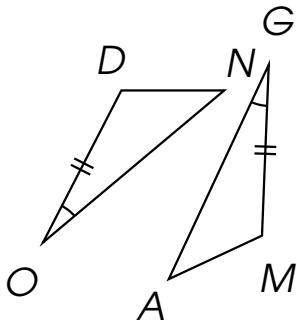
The figures are marked with their congruent parts. Determine the other congruent parts using the ASA congruence postulate.



$$\angle E \cong \angle K$$

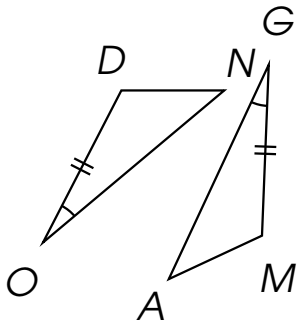
Example 12

Complete the statements using the ASA congruence postulate.



Example 12

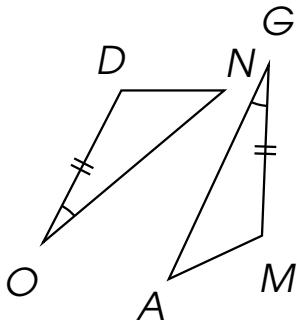
Complete the statements using the ASA congruence postulate.



$$\overline{DO} \cong$$

Example 12

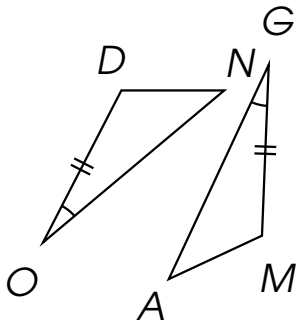
Complete the statements using the ASA congruence postulate.



$$\overline{DO} \cong \overline{MG}$$

Example 12

Complete the statements using the ASA congruence postulate.

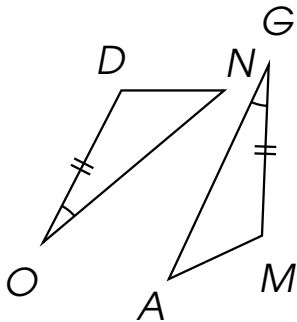


$$\overline{DO} \cong \overline{MG}$$

$$\angle O \cong$$

Example 12

Complete the statements using the ASA congruence postulate.

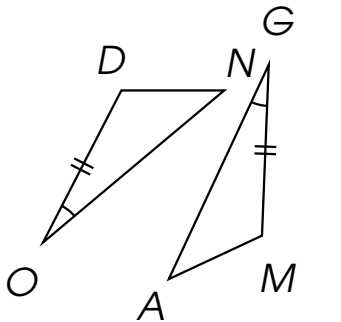


$$\overline{DO} \cong \overline{MG}$$

$$\angle O \cong \angle G$$

Example 12

Complete the statements using the ASA congruence postulate.



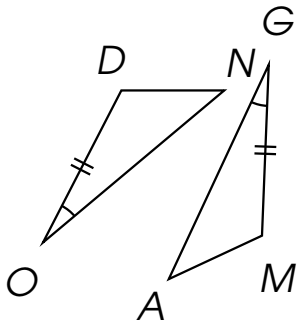
$$\overline{DO} \cong \overline{MG}$$

$$\angle O \cong \angle G$$

$$\angle D \cong$$

Example 12

Complete the statements using the ASA congruence postulate.

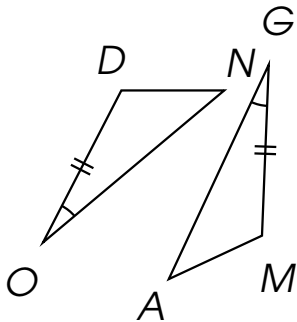


$$\overline{DO} \cong \overline{MG}$$
$$\angle O \cong \angle G$$

$$\angle D \cong \angle M$$

Example 12

Complete the statements using the ASA congruence postulate.

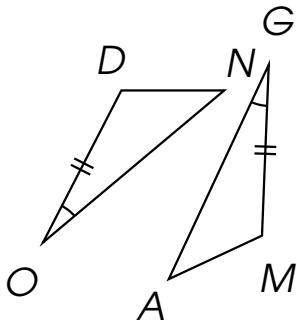


$$\begin{aligned}\overline{DO} &\cong \overline{MG} \\ \angle O &\cong \angle G\end{aligned}$$

$$\begin{aligned}\angle D &\cong \angle M \\ \triangle DON &\cong\end{aligned}$$

Example 12

Complete the statements using the ASA congruence postulate.

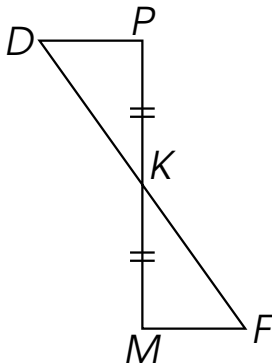


$$\begin{aligned}\overline{DO} &\cong \overline{MG} \\ \angle O &\cong \angle G\end{aligned}$$

$$\begin{aligned}\angle D &\cong \angle M \\ \triangle DON &\cong \triangle MGA\end{aligned}$$

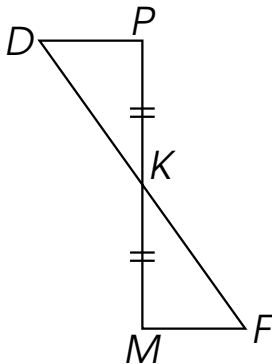
Example 13

Complete the statements using the ASA congruence postulate.



Example 13

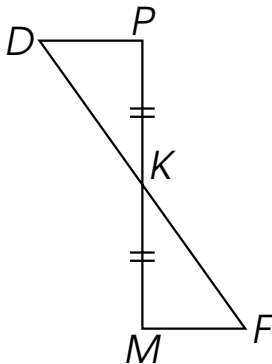
Complete the statements using the ASA congruence postulate.



$$\overline{PK} \cong$$

Example 13

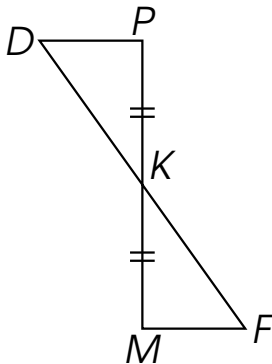
Complete the statements using the ASA congruence postulate.



$$\overline{PK} \cong \overline{MK}$$

Example 13

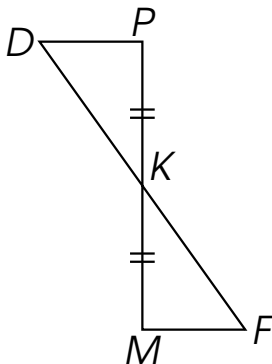
Complete the statements using the ASA congruence postulate.



$$\overline{PK} \cong \overline{MK}$$
$$\angle DKP \cong$$

Example 13

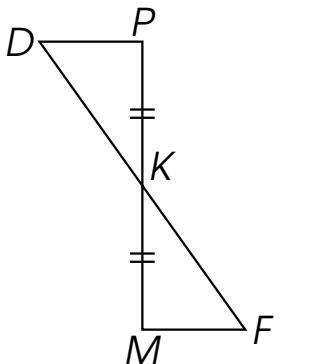
Complete the statements using the ASA congruence postulate.



$$\overline{PK} \cong \overline{MK}$$
$$\angle DKP \cong \angle FKM$$

Example 13

Complete the statements using the ASA congruence postulate.

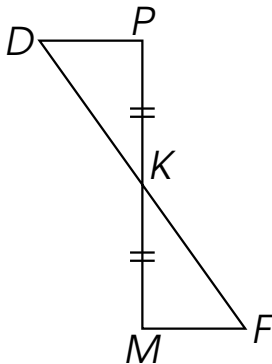


$$\overline{PK} \cong \overline{MK}$$
$$\angle DKP \cong \angle FKM$$

$$\angle D \cong$$

Example 13

Complete the statements using the ASA congruence postulate.

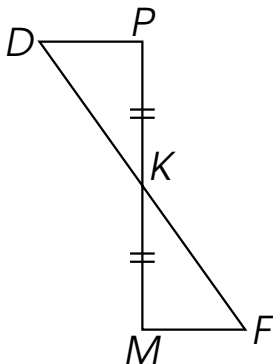


$$\begin{aligned}\overline{PK} &\cong \overline{MK} \\ \angle DKP &\cong \angle FKM\end{aligned}$$

$$\angle D \cong \angle F$$

Example 13

Complete the statements using the ASA congruence postulate.

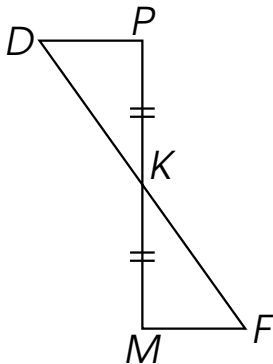


$$\overline{PK} \cong \overline{MK}$$
$$\angle DKP \cong \angle FKM$$

$$\angle D \cong \angle F$$
$$\triangle DKP \cong$$

Example 13

Complete the statements using the ASA congruence postulate.

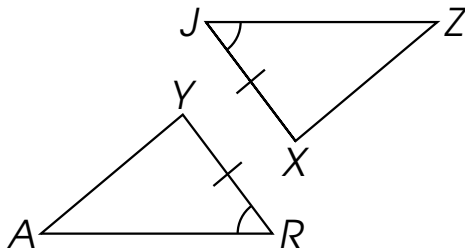


$$\overline{PK} \cong \overline{MK}$$
$$\angle DKP \cong \angle FKM$$

$$\angle D \cong \angle F$$
$$\triangle DKP \cong \triangle FKM$$

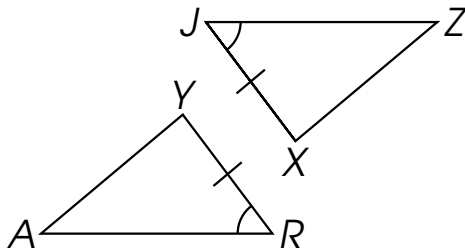
Example 14

Complete the statements using the ASA congruence postulate.



Example 14

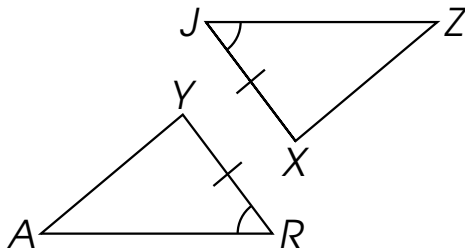
Complete the statements using the ASA congruence postulate.



$$\overline{YR} \cong$$

Example 14

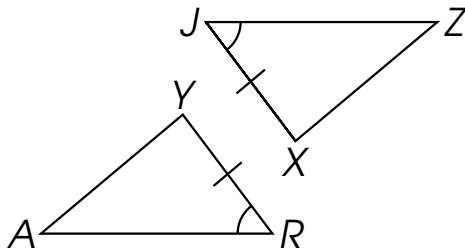
Complete the statements using the ASA congruence postulate.



$$\overline{YR} \cong \overline{XJ}$$

Example 14

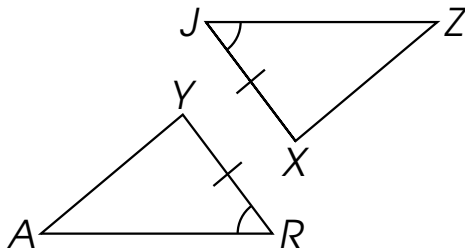
Complete the statements using the ASA congruence postulate.



$$\overline{YR} \cong \overline{XJ}$$
$$\angle R \cong$$

Example 14

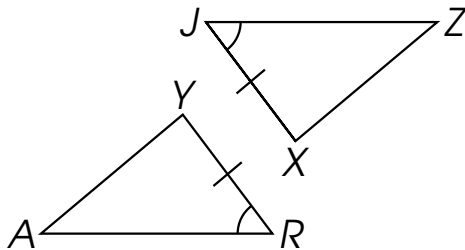
Complete the statements using the ASA congruence postulate.



$$\overline{YR} \cong \overline{XJ}$$
$$\angle R \cong \angle J$$

Example 14

Complete the statements using the ASA congruence postulate.

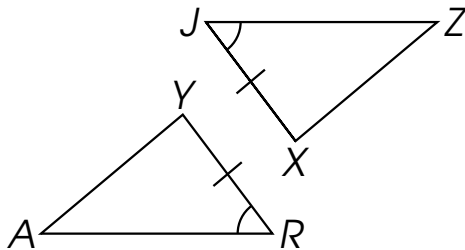


$$\overline{YR} \cong \overline{XJ}$$
$$\angle R \cong \angle J$$

$$\angle Y \cong$$

Example 14

Complete the statements using the ASA congruence postulate.

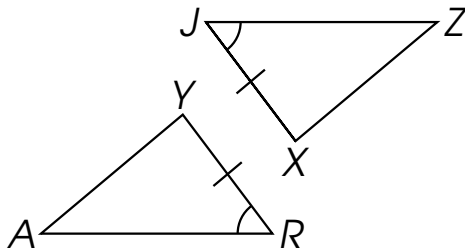


$$\begin{aligned}\overline{YR} &\cong \overline{XJ} \\ \angle R &\cong \angle J\end{aligned}$$

$$\angle Y \cong \angle X$$

Example 14

Complete the statements using the ASA congruence postulate.

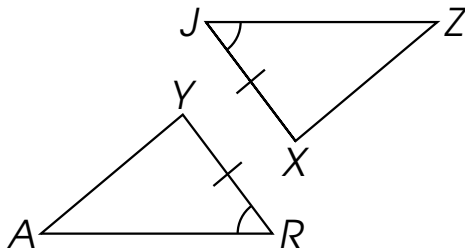


$$\begin{aligned}\overline{YR} &\cong \overline{XJ} \\ \angle R &\cong \angle J\end{aligned}$$

$$\begin{aligned}\angle Y &\cong \angle X \\ \triangle AYR &\cong\end{aligned}$$

Example 14

Complete the statements using the ASA congruence postulate.

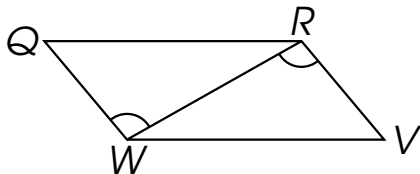


$$\begin{aligned}\overline{YR} &\cong \overline{XJ} \\ \angle R &\cong \angle J\end{aligned}$$

$$\begin{aligned}\angle Y &\cong \angle X \\ \triangle AYR &\cong \triangle ZXJ\end{aligned}$$

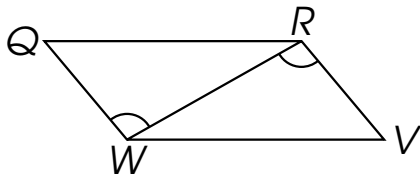
Example 15

Complete the statements using the ASA congruence postulate.



Example 15

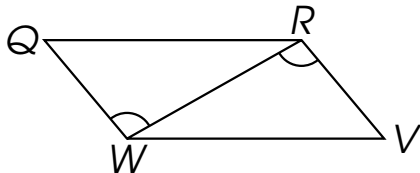
Complete the statements using the ASA congruence postulate.



$$\overline{RW} \cong$$

Example 15

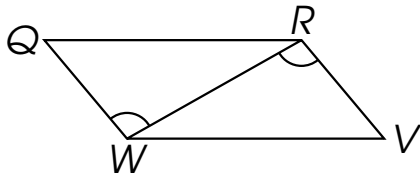
Complete the statements using the ASA congruence postulate.



$$\overline{RW} \cong \overline{WR}$$

Example 15

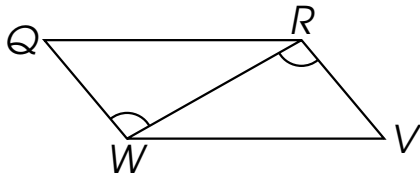
Complete the statements using the ASA congruence postulate.



$$\overline{RW} \cong \overline{WR}$$
$$\angle RWQ \cong$$

Example 15

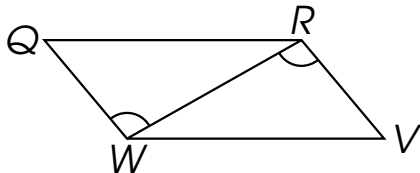
Complete the statements using the ASA congruence postulate.



$$\overline{RW} \cong \overline{WR}$$
$$\angle RWQ \cong \angle WRV$$

Example 15

Complete the statements using the ASA congruence postulate.

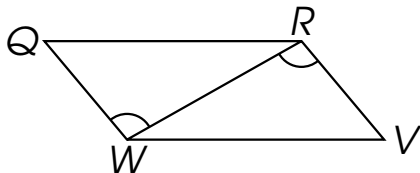


$$\begin{aligned}\overline{RW} &\cong \overline{WR} \\ \angle RWQ &\cong \angle WRV\end{aligned}$$

$$\angle QRW \cong$$

Example 15

Complete the statements using the ASA congruence postulate.

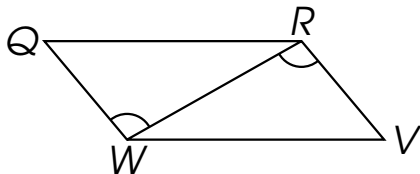


$$\begin{aligned}\overline{RW} &\cong \overline{WR} \\ \angle RWQ &\cong \angle WRV\end{aligned}$$

$$\angle QRW \cong \angle VRW$$

Example 15

Complete the statements using the ASA congruence postulate.

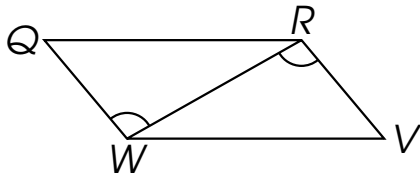


$$\begin{aligned}\overline{RW} &\cong \overline{WR} \\ \angle RWQ &\cong \angle WRV\end{aligned}$$

$$\begin{aligned}\angle QRW &\cong \angle VWR \\ \triangle QRW &\cong\end{aligned}$$

Example 15

Complete the statements using the ASA congruence postulate.

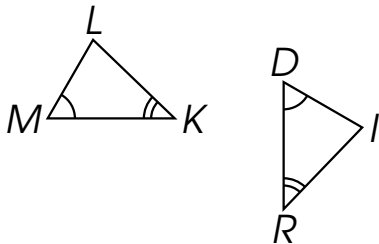


$$\overline{RW} \cong \overline{WR}$$
$$\angle RWQ \cong \angle WRV$$

$$\angle QRW \cong \angle VWR$$
$$\triangle QRW \cong \triangle VWR$$

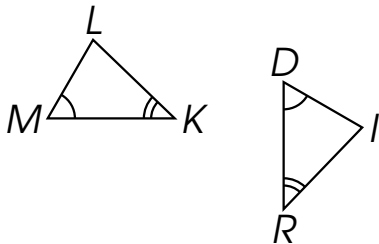
Example 16

Complete the statements using the ASA congruence postulate.



Example 16

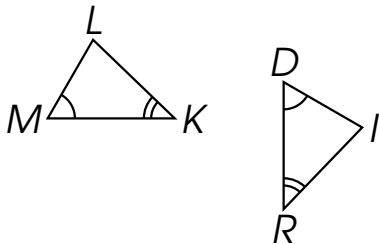
Complete the statements using the ASA congruence postulate.



$$\angle M \cong$$

Example 16

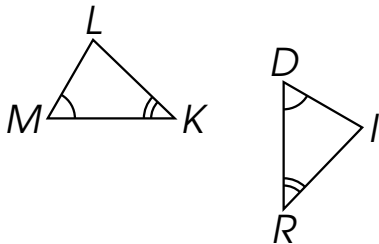
Complete the statements using the ASA congruence postulate.



$$\angle M \cong \angle D$$

Example 16

Complete the statements using the ASA congruence postulate.

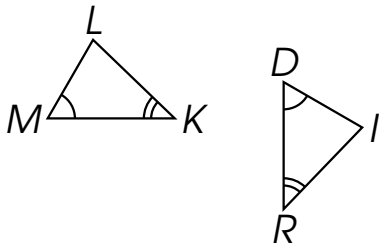


$$\angle M \cong \angle D$$

$$\angle K \cong$$

Example 16

Complete the statements using the ASA congruence postulate.

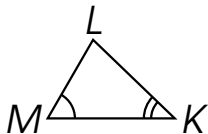


$$\angle M \cong \angle D$$

$$\angle K \cong \angle R$$

Example 16

Complete the statements using the ASA congruence postulate.

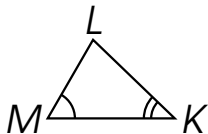


$$\begin{aligned}\angle M &\cong \angle D \\ \angle K &\cong \angle R\end{aligned}$$

$$\overline{MK} \cong$$

Example 16

Complete the statements using the ASA congruence postulate.

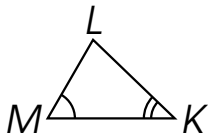


$$\begin{aligned}\angle M &\cong \angle D \\ \angle K &\cong \angle R\end{aligned}$$

$$\overline{MK} \cong \overline{DR}$$

Example 16

Complete the statements using the ASA congruence postulate.

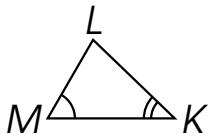


$$\begin{aligned}\angle M &\cong \angle D \\ \angle K &\cong \angle R\end{aligned}$$

$$\begin{aligned}\overline{MK} &\cong \overline{DR} \\ \triangle KLM &\cong\end{aligned}$$

Example 16

Complete the statements using the ASA congruence postulate.

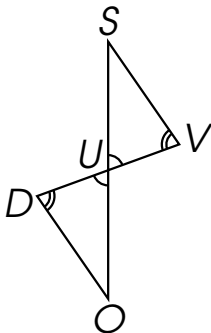


$$\begin{aligned}\angle M &\cong \angle D \\ \angle K &\cong \angle R\end{aligned}$$

$$\begin{aligned}\overline{MK} &\cong \overline{DR} \\ \triangle KLM &\cong \triangle RID\end{aligned}$$

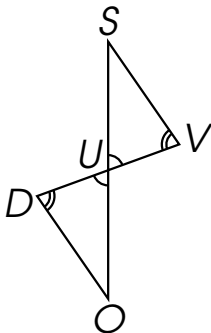
Example 17

Complete the statements using the ASA congruence postulate.



Example 17

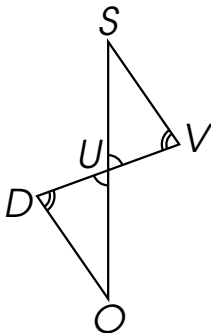
Complete the statements using the ASA congruence postulate.



$$\angle DUO \cong$$

Example 17

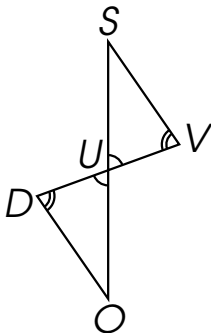
Complete the statements using the ASA congruence postulate.



$$\angle DUO \cong \angle VUS$$

Example 17

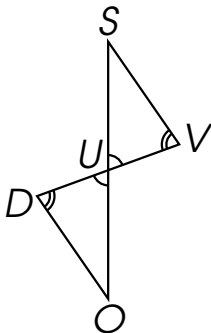
Complete the statements using the ASA congruence postulate.



$$\begin{aligned}\angle DUO &\cong \angle VUS \\ \angle D &\cong\end{aligned}$$

Example 17

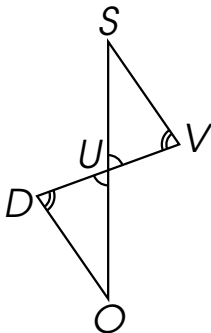
Complete the statements using the ASA congruence postulate.



$$\begin{aligned}\angle DUO &\cong \angle VUS \\ \angle D &\cong \angle V\end{aligned}$$

Example 17

Complete the statements using the ASA congruence postulate.

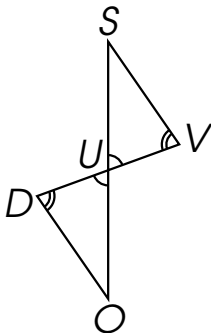


$$\begin{aligned}\angle DUO &\cong \angle VUS \\ \angle D &\cong \angle V\end{aligned}$$

$$\overline{UD} \cong$$

Example 17

Complete the statements using the ASA congruence postulate.

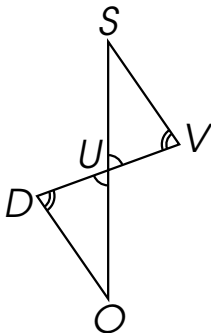


$$\begin{aligned}\angle DUO &\cong \angle VUS \\ \angle D &\cong \angle V\end{aligned}$$

$$\overline{UD} \cong \overline{UV}$$

Example 17

Complete the statements using the ASA congruence postulate.

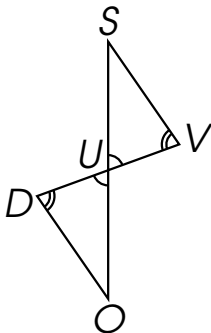


$$\begin{aligned}\angle DUO &\cong \angle VUS \\ \angle D &\cong \angle V\end{aligned}$$

$$\begin{aligned}\overline{UD} &\cong \overline{UV} \\ \triangle DUO &\cong\end{aligned}$$

Example 17

Complete the statements using the ASA congruence postulate.

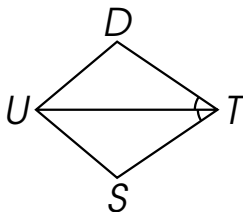


$$\begin{aligned}\angle DUO &\cong \angle VUS \\ \angle D &\cong \angle V\end{aligned}$$

$$\begin{aligned}\overline{UD} &\cong \overline{UV} \\ \triangle DUO &\cong \triangle VUS\end{aligned}$$

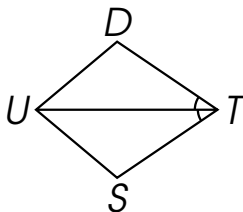
Example 18

Complete the statements using the ASA congruence postulate.



Example 18

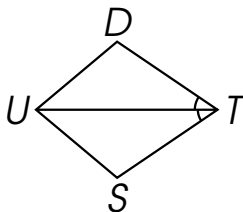
Complete the statements using the ASA congruence postulate.



$$\overline{UT} \cong$$

Example 18

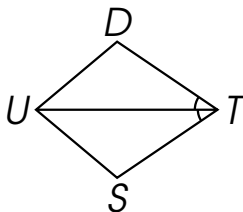
Complete the statements using the ASA congruence postulate.



$$\overline{UT} \cong \overline{UT}$$

Example 18

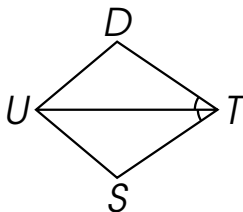
Complete the statements using the ASA congruence postulate.



$$\overline{UT} \cong \overline{UT}$$
$$\angle DTU \cong$$

Example 18

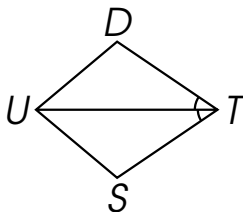
Complete the statements using the ASA congruence postulate.



$$\overline{UT} \cong \overline{UT}$$
$$\angle DTU \cong \angle STU$$

Example 18

Complete the statements using the ASA congruence postulate.

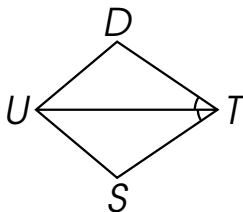


$$\begin{aligned}\overline{UT} &\cong \overline{UT} \\ \angle DTU &\cong \angle STU\end{aligned}$$

$$\angle DUT \cong$$

Example 18

Complete the statements using the ASA congruence postulate.

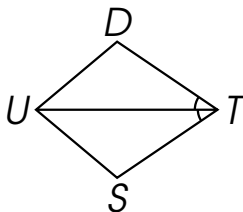


$$\begin{aligned}\overline{UT} &\cong \overline{UT} \\ \angle DTU &\cong \angle STU\end{aligned}$$

$$\angle DUT \cong \angle SUT$$

Example 18

Complete the statements using the ASA congruence postulate.

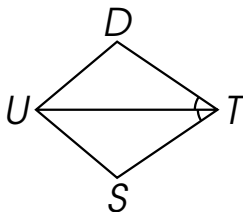


$$\begin{aligned}\overline{UT} &\cong \overline{UT} \\ \angle DTU &\cong \angle STU\end{aligned}$$

$$\begin{aligned}\angle DUT &\cong \angle SUT \\ \triangle DTU &\cong\end{aligned}$$

Example 18

Complete the statements using the ASA congruence postulate.

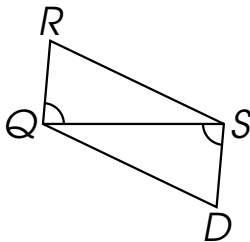


$$\begin{aligned}\overline{UT} &\cong \overline{UT} \\ \angle DTU &\cong \angle STU\end{aligned}$$

$$\begin{aligned}\angle DUT &\cong \angle SUT \\ \triangle DTU &\cong \triangle STU\end{aligned}$$

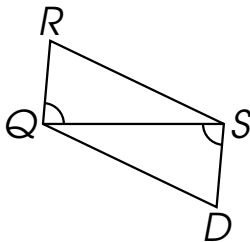
Example 19

Complete the statements using the ASA congruence postulate.



Example 19

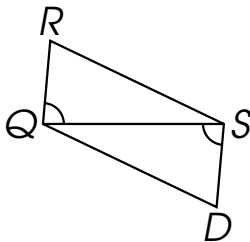
Complete the statements using the ASA congruence postulate.



$$\overline{QS} \cong$$

Example 19

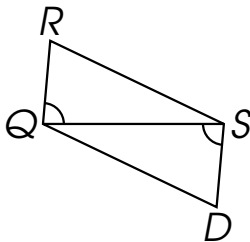
Complete the statements using the ASA congruence postulate.



$$\overline{QS} \cong \overline{SQ}$$

Example 19

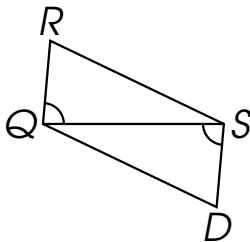
Complete the statements using the ASA congruence postulate.



$$\overline{QS} \cong \overline{SQ}$$
$$\angle RQS \cong$$

Example 19

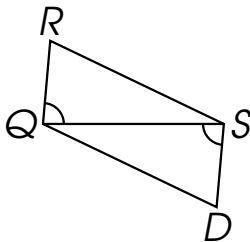
Complete the statements using the ASA congruence postulate.



$$\overline{QS} \cong \overline{SQ}$$
$$\angle RQS \cong \angle DSQ$$

Example 19

Complete the statements using the ASA congruence postulate.

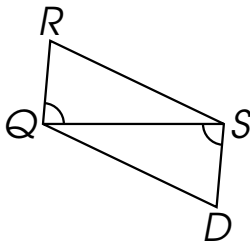


$$\begin{aligned}\overline{QS} &\cong \overline{SQ} \\ \angle RQS &\cong \angle DSQ\end{aligned}$$

$$\angle RSQ \cong$$

Example 19

Complete the statements using the ASA congruence postulate.

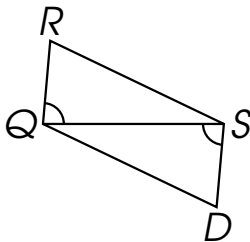


$$\overline{QS} \cong \overline{SQ}$$
$$\angle RQS \cong \angle DQS$$

$$\angle RSQ \cong \angle DQS$$

Example 19

Complete the statements using the ASA congruence postulate.

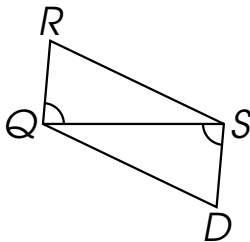


$$\begin{aligned}\overline{QS} &\cong \overline{SQ} \\ \angle RQS &\cong \angle DSQ\end{aligned}$$

$$\begin{aligned}\angle RSQ &\cong \angle DQS \\ \triangle RQS &\cong\end{aligned}$$

Example 19

Complete the statements using the ASA congruence postulate.

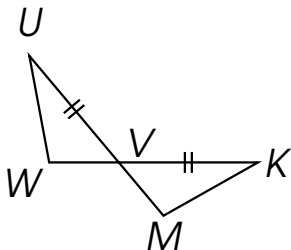


$$\begin{aligned}\overline{QS} &\cong \overline{SQ} \\ \angle RQS &\cong \angle DSQ\end{aligned}$$

$$\begin{aligned}\angle RSQ &\cong \angle DQS \\ \triangle RQS &\cong \triangle DSQ\end{aligned}$$

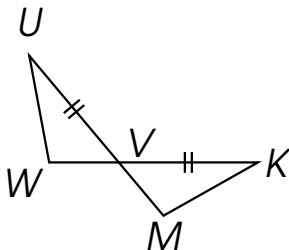
Example 20

Complete the statements using the ASA congruence postulate.



Example 20

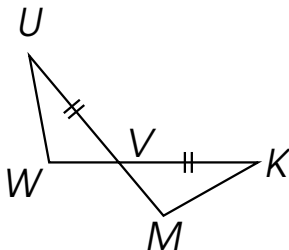
Complete the statements using the ASA congruence postulate.



$$\overline{UV} \cong$$

Example 20

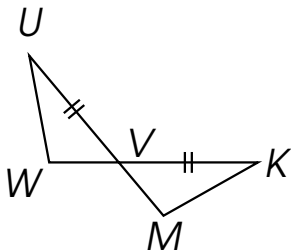
Complete the statements using the ASA congruence postulate.



$$\overline{UV} \cong \overline{KV}$$

Example 20

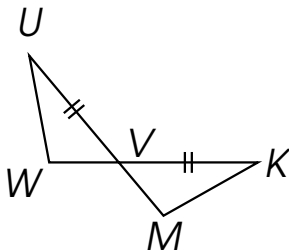
Complete the statements using the ASA congruence postulate.



$$\overline{UV} \cong \overline{KV}$$
$$\angle UVW \cong$$

Example 20

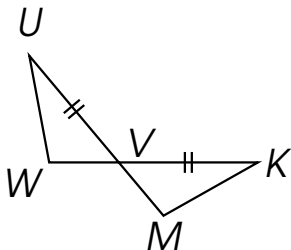
Complete the statements using the ASA congruence postulate.



$$\overline{UV} \cong \overline{KV}$$
$$\angle UVW \cong \angle KVM$$

Example 20

Complete the statements using the ASA congruence postulate.

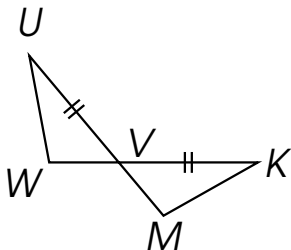


$$\overline{UV} \cong \overline{KV}$$
$$\angle UVW \cong \angle KVM$$

$$\angle U \cong$$

Example 20

Complete the statements using the ASA congruence postulate.

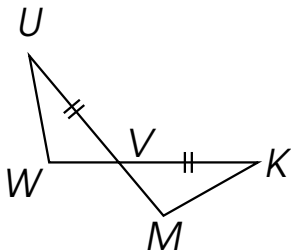


$$\begin{aligned}\overline{UV} &\cong \overline{KV} \\ \angle UVW &\cong \angle KVM\end{aligned}$$

$$\angle U \cong \angle K$$

Example 20

Complete the statements using the ASA congruence postulate.

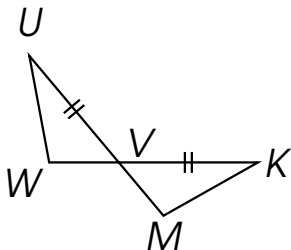


$$\overline{UV} \cong \overline{KV}$$
$$\angle UVW \cong \angle KVM$$

$$\angle U \cong \angle K$$
$$\triangle UVW \cong$$

Example 20

Complete the statements using the ASA congruence postulate.

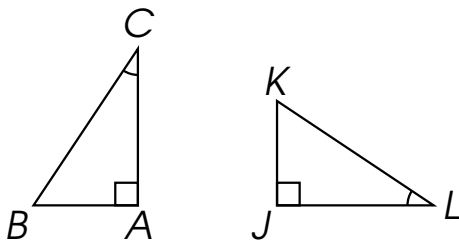


$$\overline{UV} \cong \overline{KV}$$
$$\angle UVW \cong \angle KVM$$

$$\angle U \cong \angle K$$
$$\triangle UVW \cong \triangle KVM$$

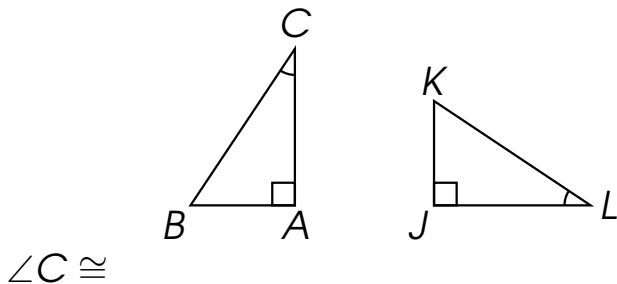
Example 21

Complete the statements using the ASA congruence postulate.



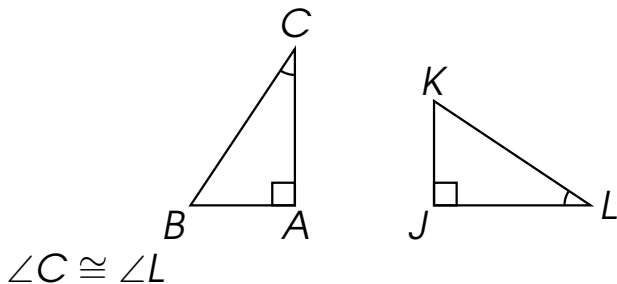
Example 21

Complete the statements using the ASA congruence postulate.



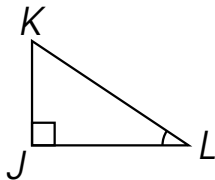
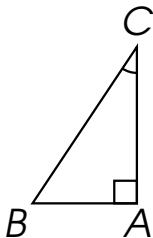
Example 21

Complete the statements using the ASA congruence postulate.



Example 21

Complete the statements using the ASA congruence postulate.

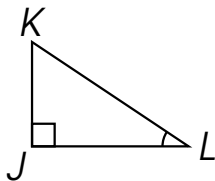
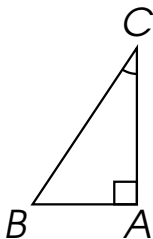


$$\angle C \cong \angle L$$

$$\angle A \cong$$

Example 21

Complete the statements using the ASA congruence postulate.

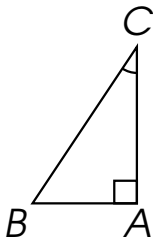


$$\angle C \cong \angle L$$

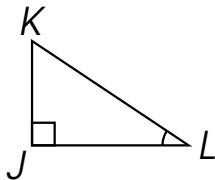
$$\angle A \cong \angle J$$

Example 21

Complete the statements using the ASA congruence postulate.



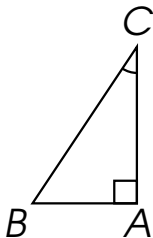
$$\begin{aligned}\angle C &\cong \angle L \\ \angle A &\cong \angle J\end{aligned}$$



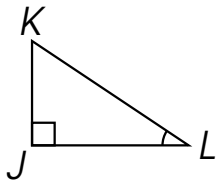
$$\overline{AC} \cong$$

Example 21

Complete the statements using the ASA congruence postulate.



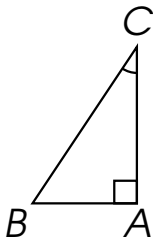
$$\begin{aligned}\angle C &\cong \angle L \\ \angle A &\cong \angle J\end{aligned}$$



$$\overline{AC} \cong \overline{JL}$$

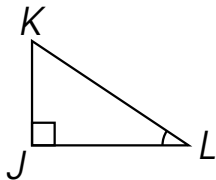
Example 21

Complete the statements using the ASA congruence postulate.



$$\angle C \cong \angle L$$

$$\angle A \cong \angle J$$

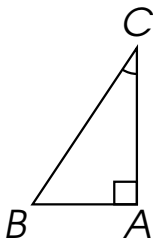


$$\overline{AC} \cong \overline{JL}$$

$$\triangle ABC \cong$$

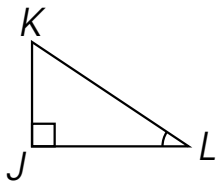
Example 21

Complete the statements using the ASA congruence postulate.



$$\angle C \cong \angle L$$

$$\angle A \cong \angle J$$



$$\overline{AC} \cong \overline{JL}$$

$$\triangle ABC \cong \triangle JKL$$

Thank you for watching.