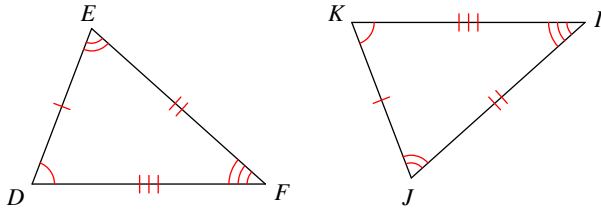


Congruence and Triangles

Date _____ Period _____

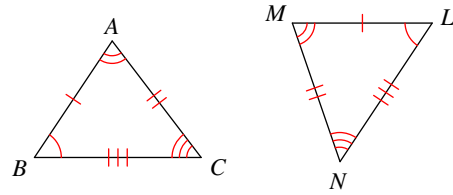
Complete each congruence statement by naming the corresponding angle or side.

1) $\triangle DEF \cong \triangle KJI$



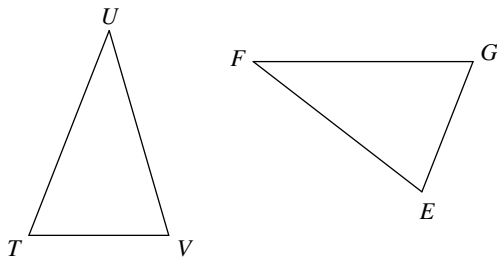
$\overline{FD} \cong ?$

2) $\triangle BAC \cong \triangle LMN$



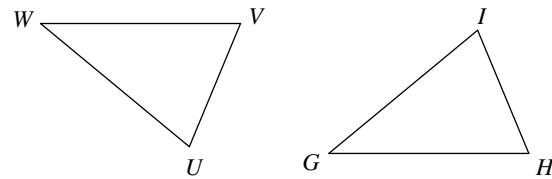
$\angle A \cong ?$

3) $\triangle TUV \cong \triangle GFE$



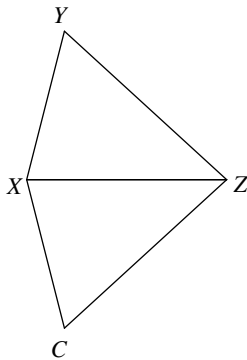
$\angle U \cong ?$

4) $\triangle WVU \cong \triangle GHI$



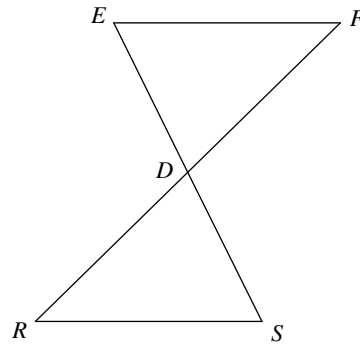
$\angle W \cong ?$

5) $\triangle ZXY \cong \triangle ZXC$



$\angle Y \cong ?$

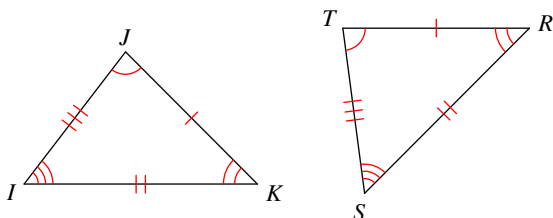
6) $\triangle DEF \cong \triangle DSR$



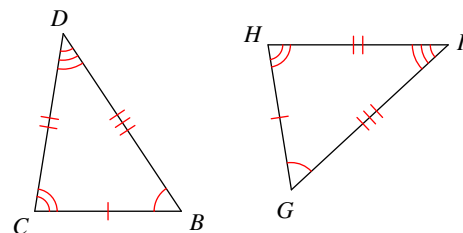
$\angle F \cong ?$

Write a statement that indicates that the triangles in each pair are congruent.

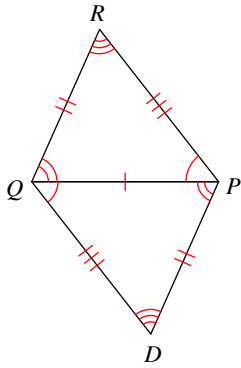
7)



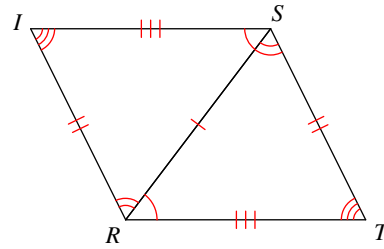
8)



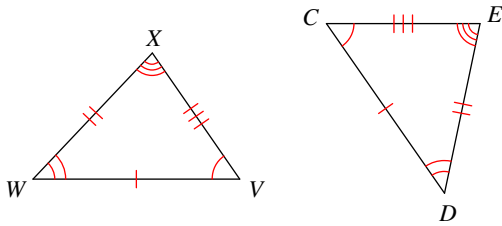
9)



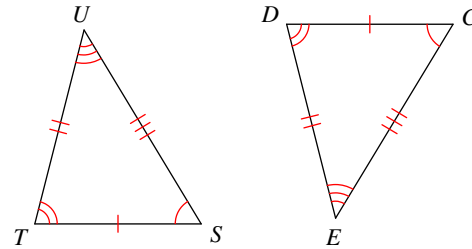
10)



11)

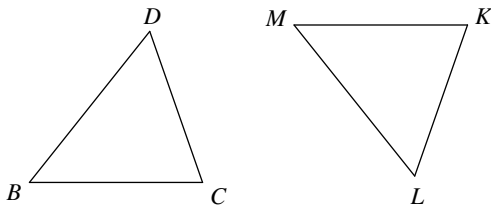


12)

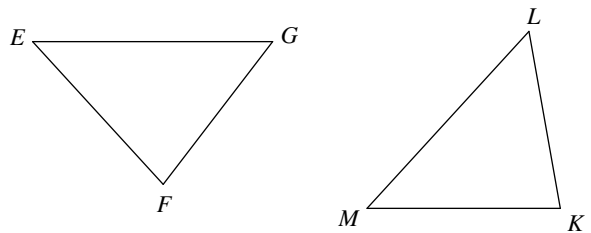


Mark the angles and sides of each pair of triangles to indicate that they are congruent.

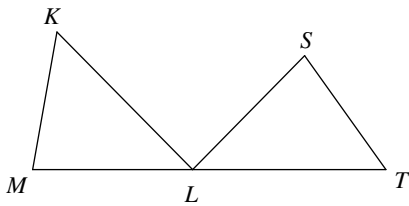
13) $\triangle BDC \cong \triangle MLK$



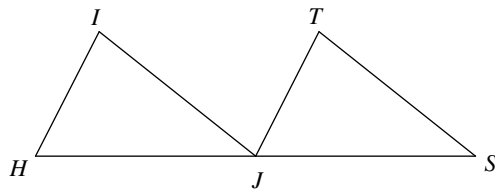
14) $\triangle GFE \cong \triangle LKM$



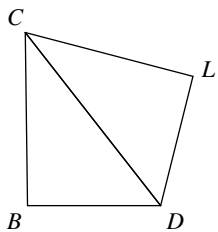
15) $\triangle MKL \cong \triangle STL$



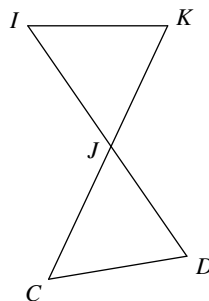
16) $\triangle HIJ \cong \triangle JTS$



17) $\triangle CDB \cong \triangle CDL$



18) $\triangle JIK \cong \triangle JCD$



Congruence and Triangles

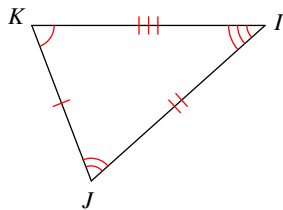
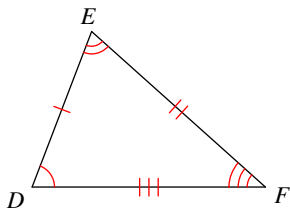
Date _____ Period _____

Complete each congruence statement by naming the corresponding angle or side.

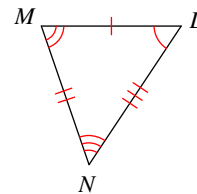
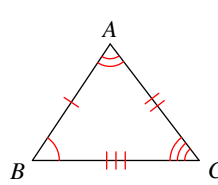
1) $\triangle DEF \cong \triangle KJI$

$\overline{IK}$ 2) $\triangle BAC \cong \triangle LMN$

$\angle M$



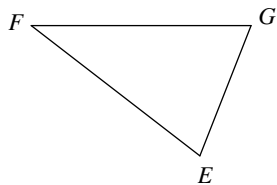
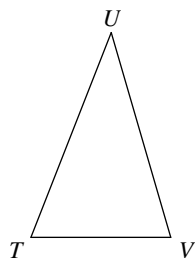
$\overline{FD} \cong ?$



$\angle A \cong ?$

3) $\triangle TUV \cong \triangle GFE$

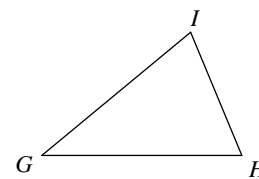
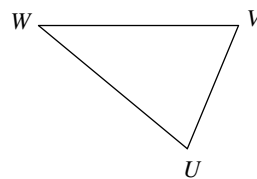
$\angle F$



$\angle U \cong ?$

4) $\triangle WVU \cong \triangle GHI$

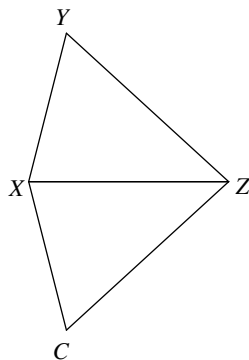
$\angle G$



$\angle W \cong ?$

5) $\triangle ZXY \cong \triangle ZXC$

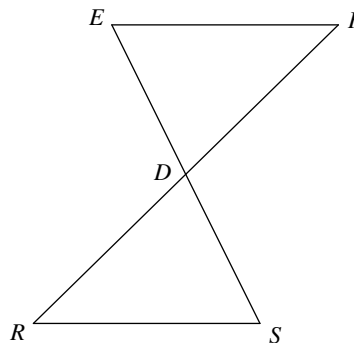
$\angle C$



$\angle Y \cong ?$

6) $\triangle DEF \cong \triangle DSR$

$\angle R$



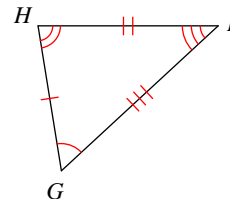
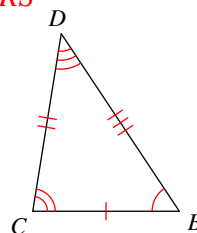
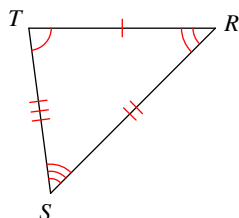
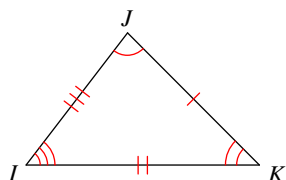
$\angle F \cong ?$

Write a statement that indicates that the triangles in each pair are congruent.

7)

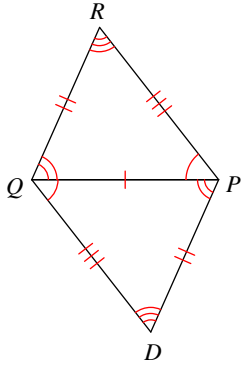
$\triangle JKI \cong \triangle STR$

$\triangle ABCD \cong \triangle GHI$



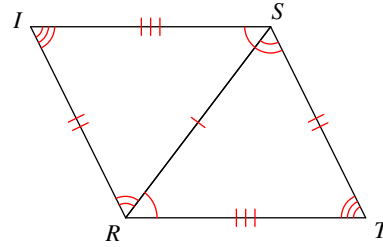
9)

$$\triangle PQR \cong \triangle QPD$$



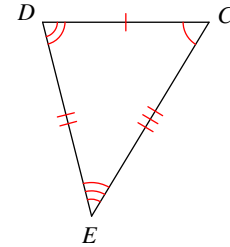
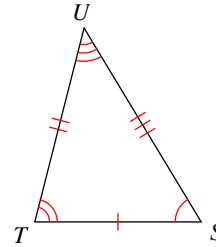
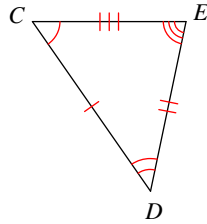
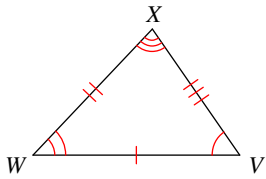
10)

$$\triangle RST \cong \triangle SRI$$



11)

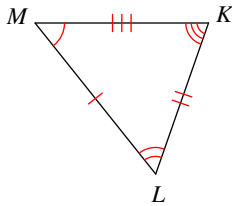
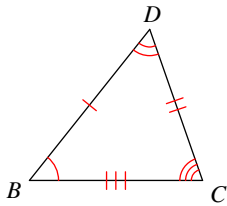
$$\triangle VWX \cong \triangle CDE$$



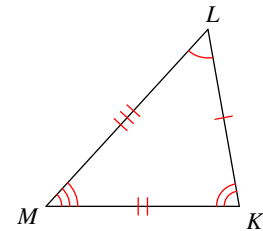
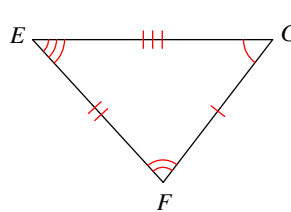
$$\triangle STU \cong \triangle CDE$$

Mark the angles and sides of each pair of triangles to indicate that they are congruent.

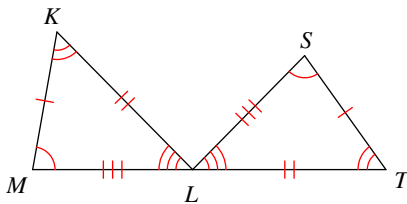
$$13) \triangle BDC \cong \triangle MLK$$



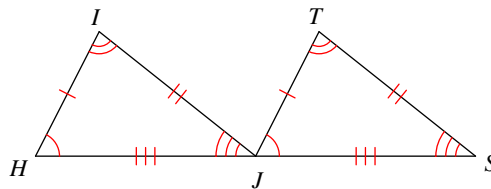
$$14) \triangle GFE \cong \triangle LKM$$



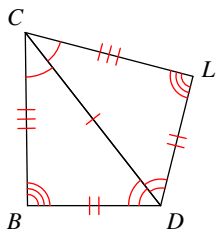
$$15) \triangle MKL \cong \triangle STL$$



$$16) \triangle HIJ \cong \triangle JTS$$



$$17) \triangle CDB \cong \triangle CDL$$



$$18) \triangle JIK \cong \triangle JCD$$

