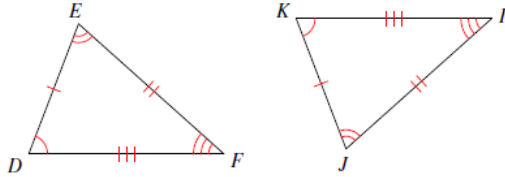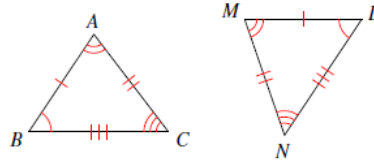# Congruence and Triangles

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

1) $\triangle DEF \cong \triangle KJI$
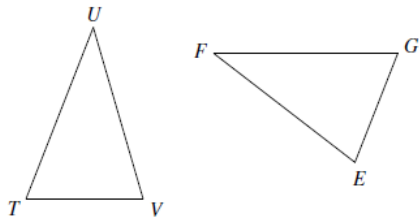
$\overline{FD} \cong \ ?$

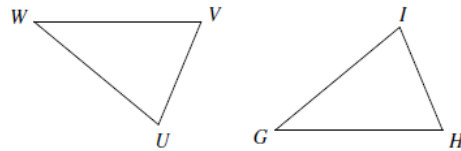2) $\triangle BAC \cong \triangle LMN$

$\angle A \cong \ ?$

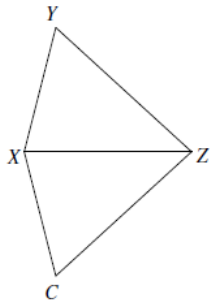3) $\triangle TUV \cong \triangle GFE$

$\angle U \cong \ ?$
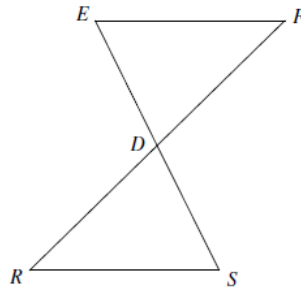
4) $\triangle WVU \cong \triangle GHI$

$\angle W \cong \ ?$
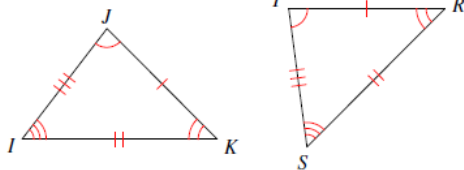
5) $\triangle ZXY \cong \triangle ZXC$

$\angle Y \cong \ ?$
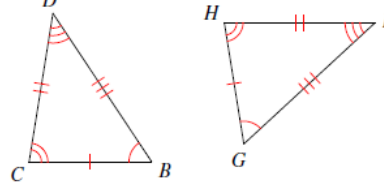
6) $\triangle DEF \cong \triangle DSR$

$\angle F \cong \ ?$

Write a statement that indicates that the triangles in each pair are congruent.
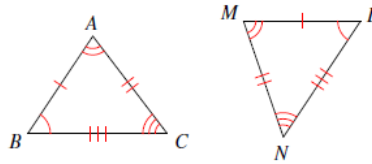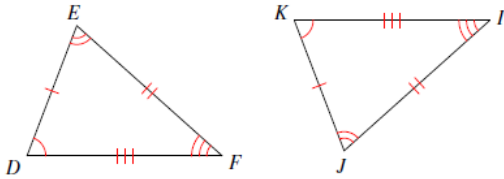
7)

8)

Congruence and Triangles

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

1) $\triangle DEF \cong \triangle KJI$ $\overline{IK}$

2) $\triangle BAC \cong \triangle LMN$ $\angle M$
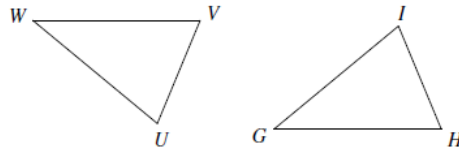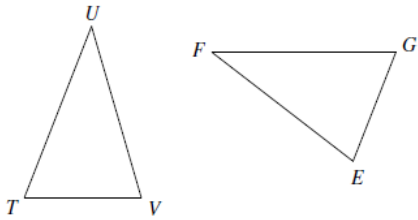
$\overline{FD} \cong$?

$\angle A \cong$?

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

4) $\triangle WVU \cong \triangle GHI$ $\angle G$
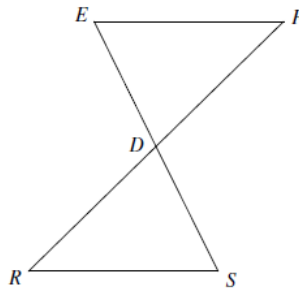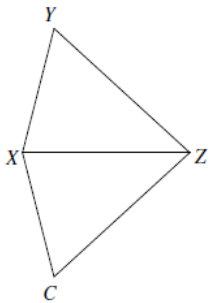
$\angle U \cong$?

$\angle W \cong$?

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

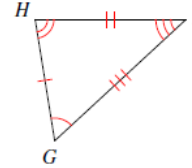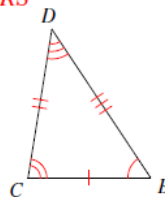6) $\triangle DEF \cong \triangle DSR$ $\angle R$
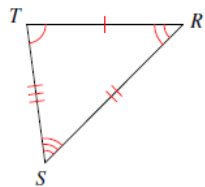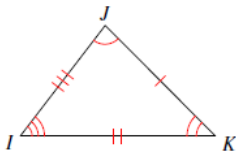
$\angle Y \cong$?

$\angle F \cong$?

Write a statement that indicates that the triangles in each pair are congruent.
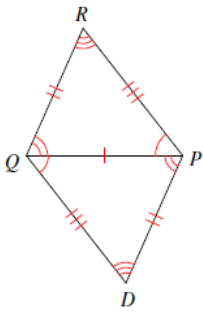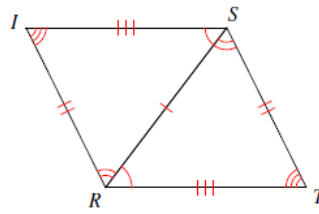
7) $\triangle JKI \cong \triangle STRS$
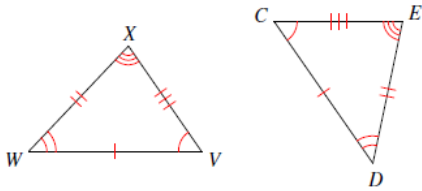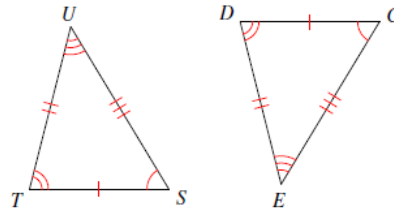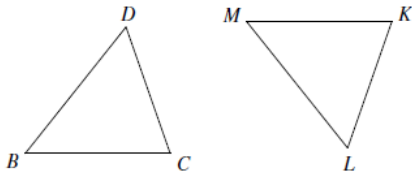
$\triangle BCD \cong \triangle GHI$
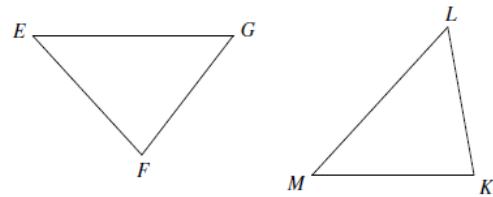
9)

10)

11)

12)

Mark the angles and sides of each pair of triangles to indicate that they are congruent.
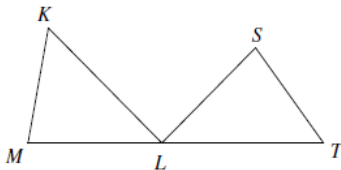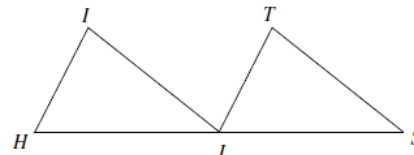
13) $\triangle BDC \cong \triangle MLK$
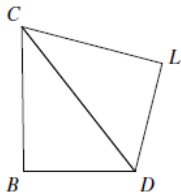
14) $\triangle GFE \cong \triangle LKM$

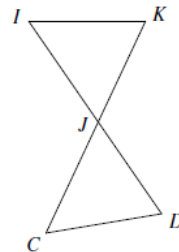15) $\triangle MKL \cong \triangle STL$

16) $\triangle HIJ \cong \triangle JTS$
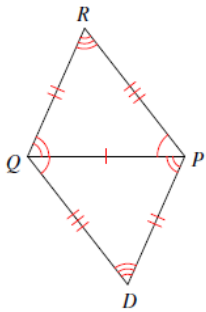
17) $\triangle CDB \cong \triangle CDL$

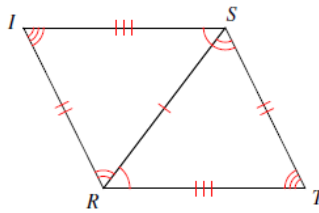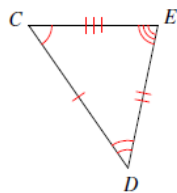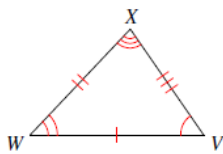18) $\triangle JIK \cong \triangle JCD$
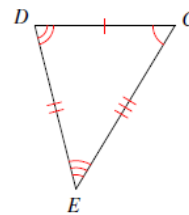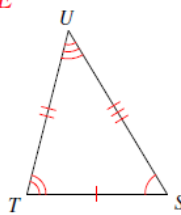
Answers

9) $\triangle PQR \cong \triangle QPD$

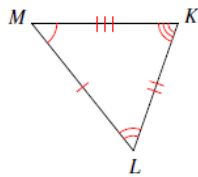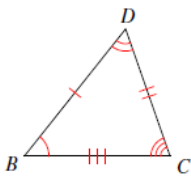

10) $\triangle RST \cong \triangle SRI$

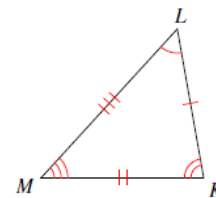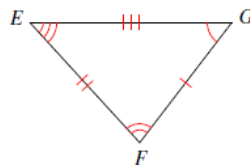11) $\triangle VWX \cong \triangle CDE$

12) $\triangle STU \cong \triangle CDE$

Mark the angles and sides of each pair of triangles to indicate that they are congruent.
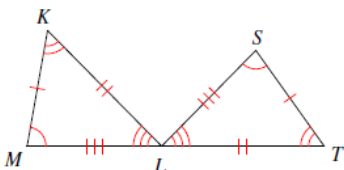
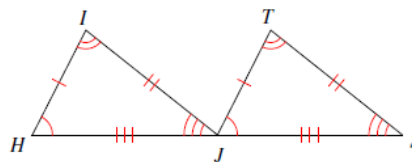13) $\triangle BDC \cong \triangle MLK$

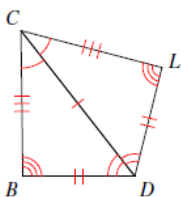14) $\triangle GFE \cong \triangle LKM$

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

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

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

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