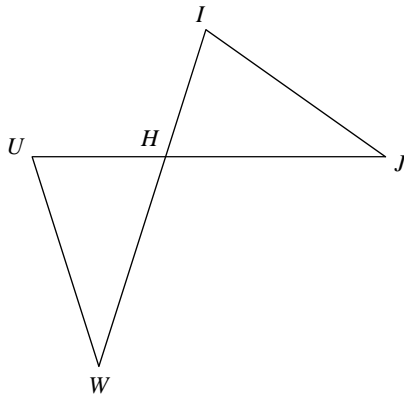


## 4.2 - Corresponding Parts of Triangles

© 2013 Kuta Software LLC. All rights reserved.

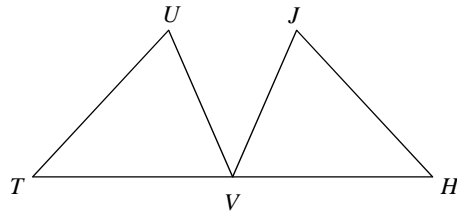
Complete each congruence statement by naming the corresponding angle or side.

1)  $\triangle HIJ \cong \triangle HUW$



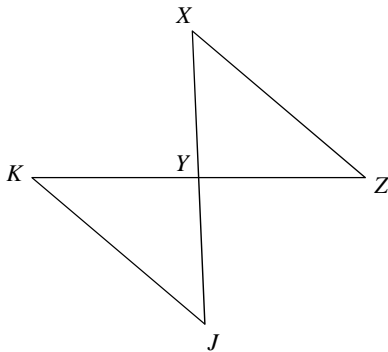
$\overline{IJ} \cong ?$

2)  $\triangle TUV \cong \triangle HVJ$



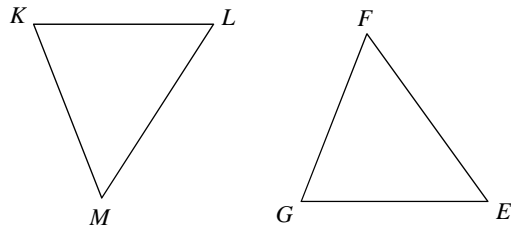
$\overline{UV} \cong ?$

3)  $\triangle YXZ \cong \triangle YJK$



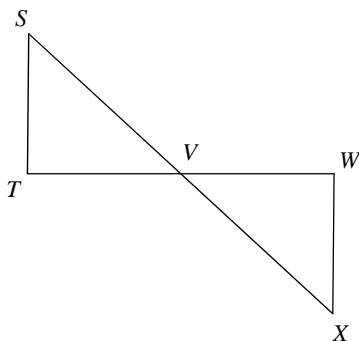
$\angle ZYX \cong ?$

4)  $\triangle KLM \cong \triangle GFE$



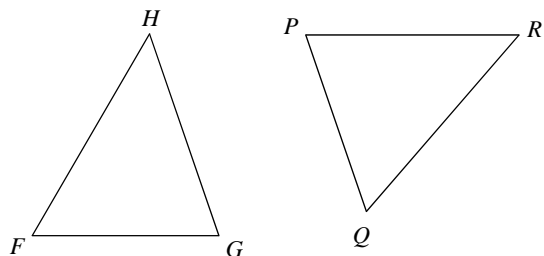
$\angle K \cong ?$

5)  $\triangle VWX \cong \triangle VTS$



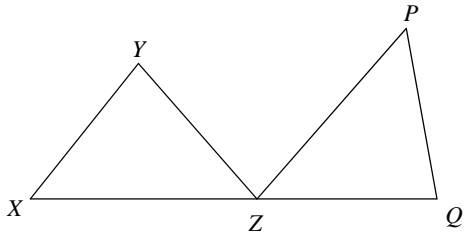
$\overline{XV} \cong ?$

6)  $\triangle GFH \cong \triangle PQR$



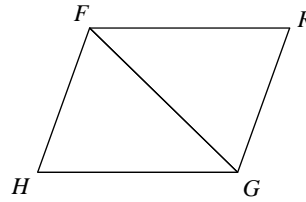
$\angle F \cong ?$

7)  $\triangle XYZ \cong \triangle PQZ$



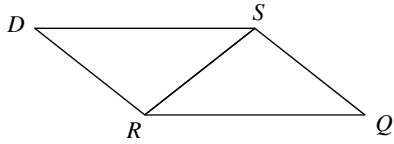
$\angle Y \cong ?$

8)  $\triangle FGH \cong \triangle GFR$



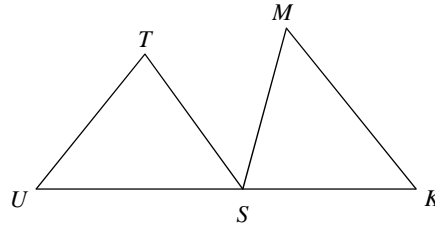
$\overline{FG} \cong ?$

9)  $\triangle RSQ \cong \triangle SRD$



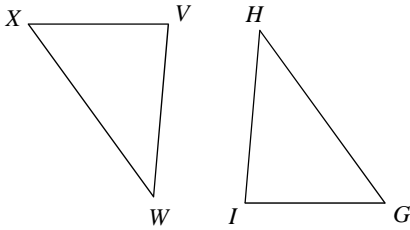
$\overline{QR} \cong ?$

10)  $\triangle UTS \cong \triangle KSM$



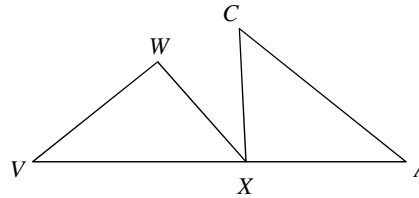
$\angle TSU \cong ?$

11)  $\triangle WXV \cong \triangle HGI$



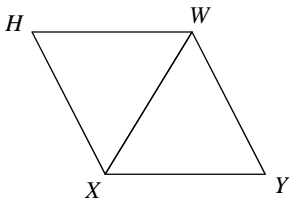
$\overline{XV} \cong ?$

12)  $\triangle VWX \cong \triangle AXC$



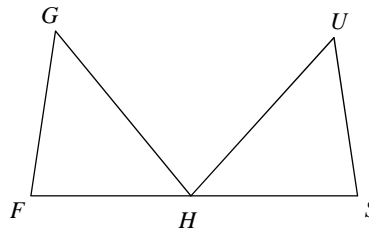
$\angle V \cong ?$

13)  $\triangle XWY \cong \triangle WXH$



$\angle XWY \cong ?$

14)  $\triangle FGH \cong \triangle SHU$



$\angle G \cong ?$

## Answers to 4.2 - Corresponding Parts of Triangles

1)  $\overline{UW}$

5)  $\overline{SV}$

9)  $\overline{DS}$

13)  $\angle WXH$

2)  $\overline{VJ}$

6)  $\angle Q$

10)  $\angle M$

14)  $\angle SHU$

3)  $\angle KYJ$

7)  $\angle Q$

11)  $\overline{GI}$

4)  $\angle G$

8)  $\overline{GF}$

12)  $\angle A$