Geometry   Name_____
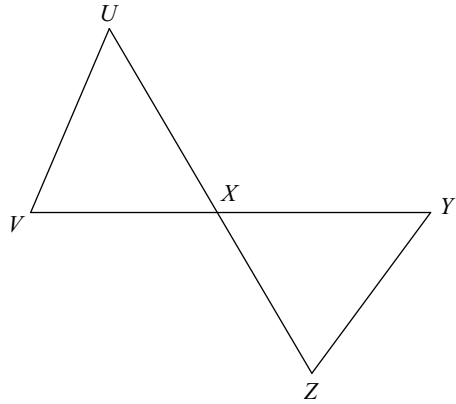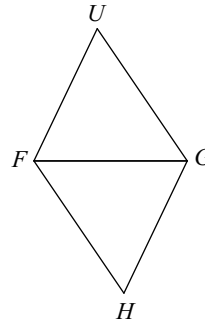
Congruent Triangles Worksheet

Complete each congruence statement by naming the corresponding angle or side. Put diagram markings on the triangles to indicate congruence.

1) $\triangle XYZ \cong \triangle XUV$
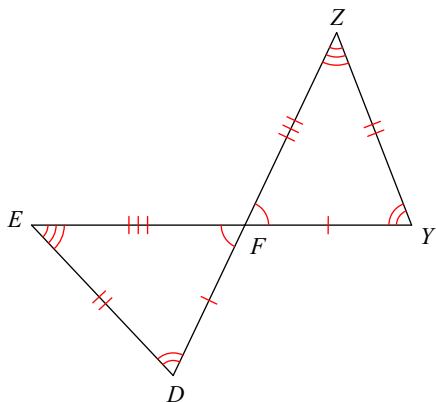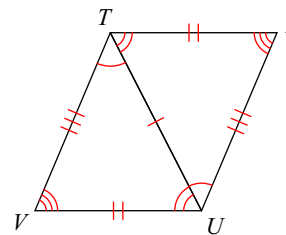
2) $\triangle FGH \cong \triangle GFU$

$\overline{HF} \cong$?

$\angle Z \cong$?

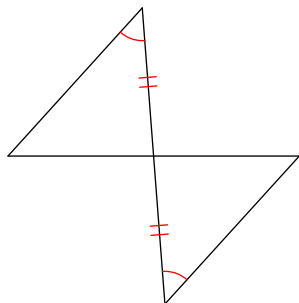**Write a statement that indicates that the triangles in each pair are congruent.**
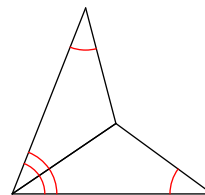
3)

4)

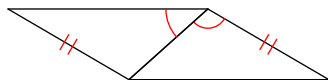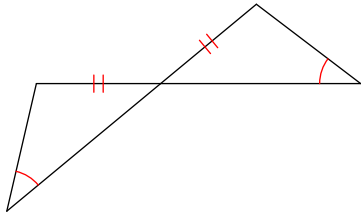**State if the two triangles are congruent. If they are, state how you know.**
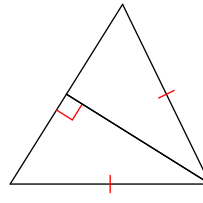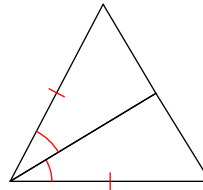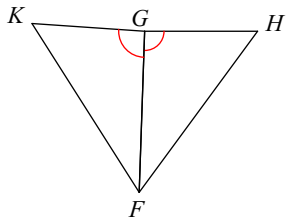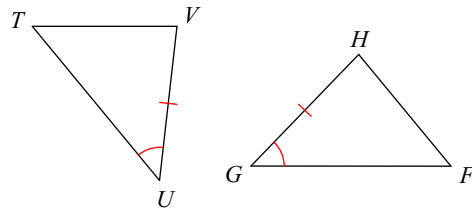
5)

6)

7)

8)

9)

10)

11)
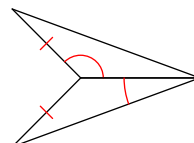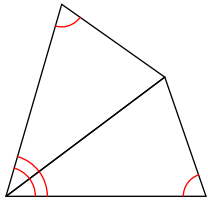
12)

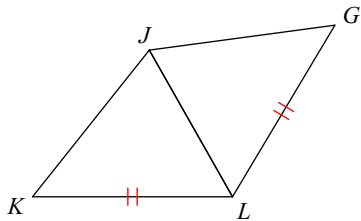**State what additional information is required in order to know that the triangles are congruent for the reason given.**
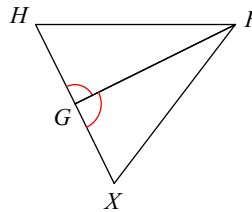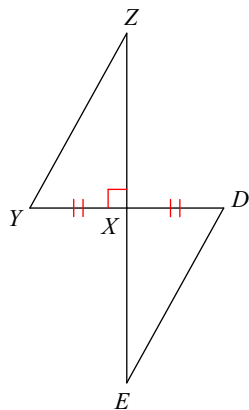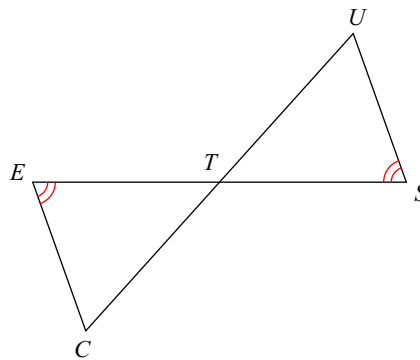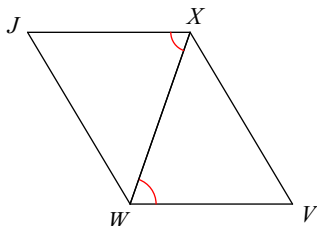
13) ASA

14) AAS

15) SSS

16) ASA

17) HL

18) ASA

19) AAS

20) SSS