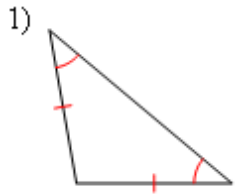
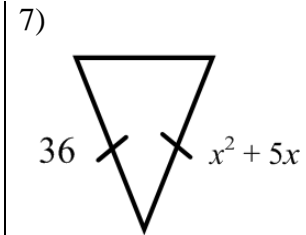
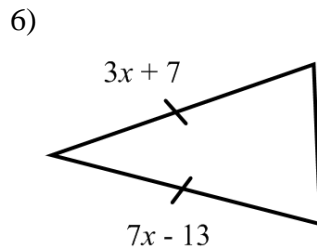
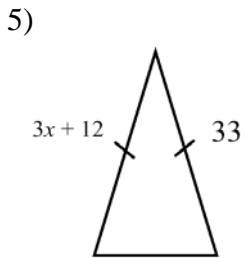
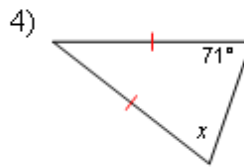
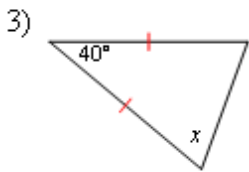


REVIEW FOR TEST

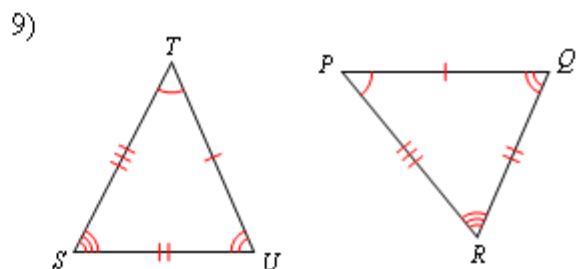
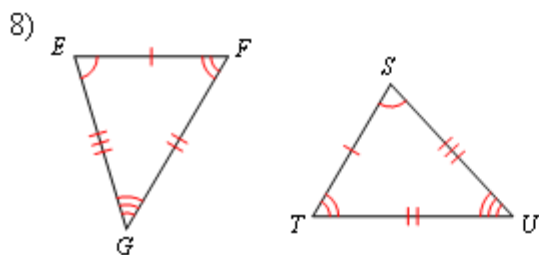
Classify each triangle by its sides (scalene, isosceles, or equilateral) as well as by its angles (acute, obtuse, or right).



Find the value of x .

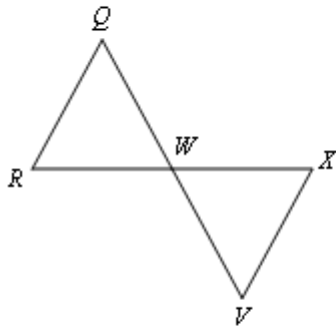


Write a statement that indicates that the triangles in each pair are congruent.

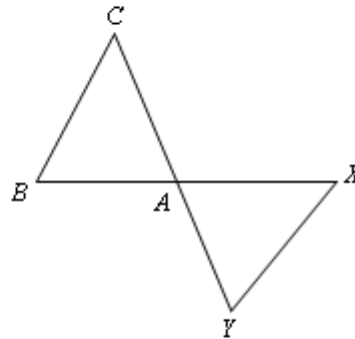


Mark the angles and sides of each pair of triangles to indicate that they are congruent.

10) $\triangle WXV \cong \triangle WRQ$



11) $\triangle ABC \cong \triangle AYZ$



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

12) $\triangle FGH \cong \triangle JKL$

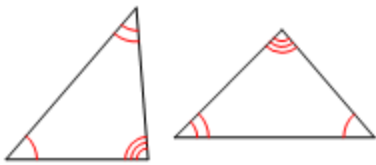
$\angle H \cong ?$

13) $\triangle DFE \cong \triangle XYZ$

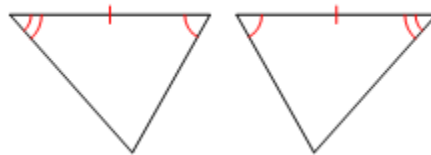
$\overline{ED} \cong ?$

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

14)



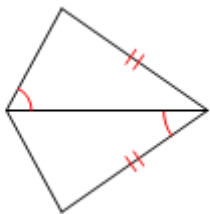
15)



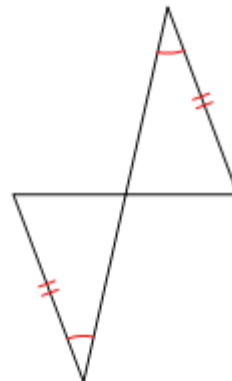
16)



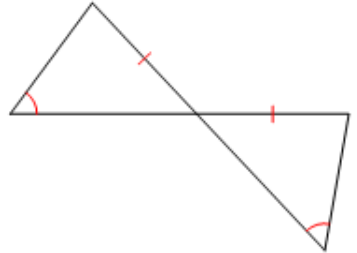
17)



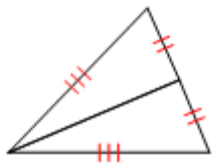
18)



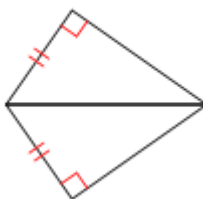
19)



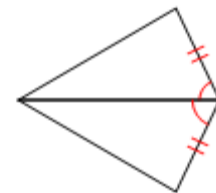
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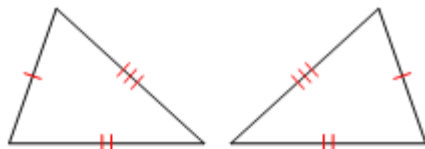
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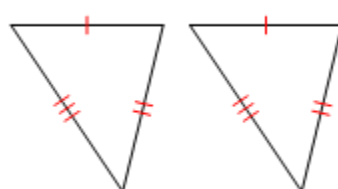
22)



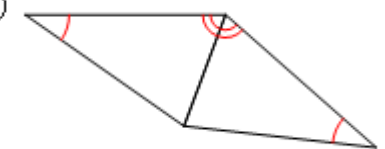
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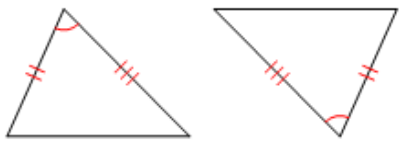
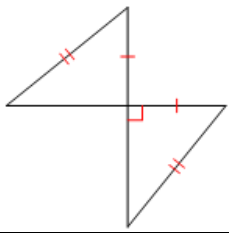
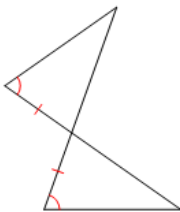
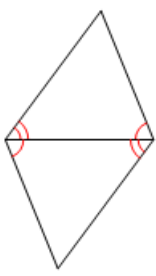
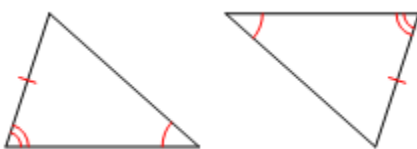
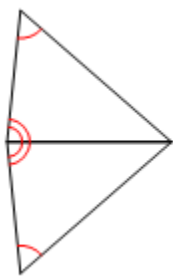
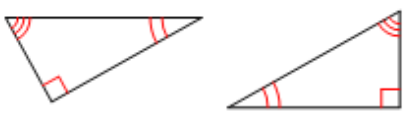
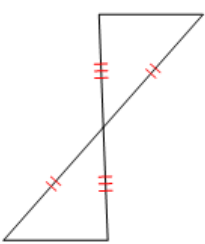
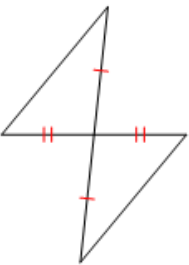


24)



25)



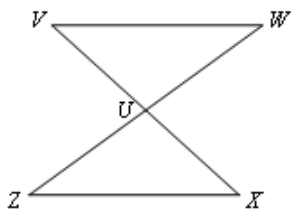
26) 	27) 	28) 
29) 	30) 	31) 
32) 	33) 	34) 

APPLICATION

Prove the following. Start by marking the picture and determining why the triangles are congruent.

35)
Given: U is the midpoint of \overline{ZW}
 $\angle V \cong \angle X$

Prove: $\overline{VW} \cong \overline{ZX}$

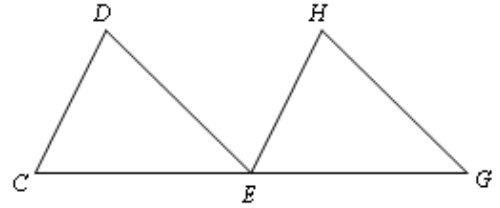


STATEMENTS	REASONS

Prove the following. Start by marking the picture and determining why the triangles are congruent.
Then fill in the missing statements and reasons!

36)

Given: \overline{DE} bisects \overline{CG}
 $\overline{DC} \parallel \overline{HE}$, $\overline{DE} \parallel \overline{HG}$



Prove: $\triangle DCE \cong \triangle HEG$

STATEMENTS	REASONS
1.	1. Given
2. $\angle DCE \cong \angle HEG$	2.
3. $\angle DEC \cong \angle HGE$	3.
4.	4. Definition of bisect
5.	5.

Prove the following. Start by marking the picture and determining why the triangles are congruent.

37)

Given: $\triangle ABC$ is isosceles with base \overline{AC}
 \overline{DB} is the perpendicular bisector of \overline{AC}



Prove: $\triangle ABD \cong \triangle CBD$

STATEMENTS	REASONS