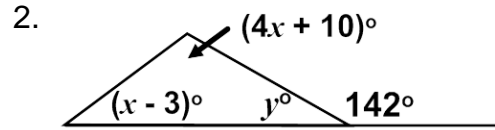
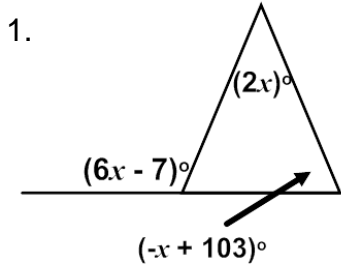
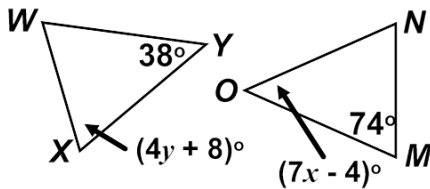


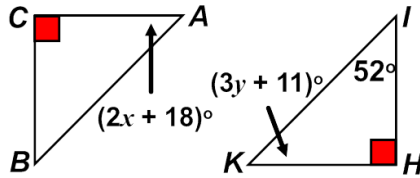
Solve the variable(s).



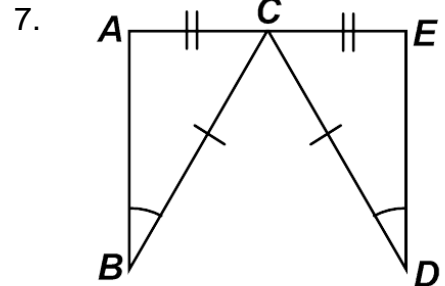
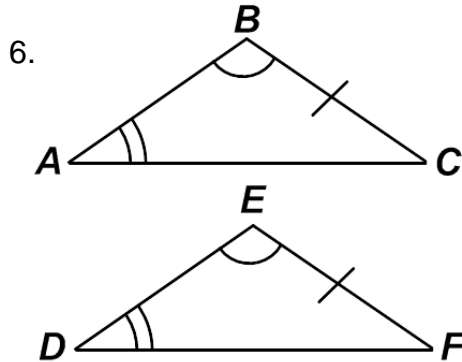
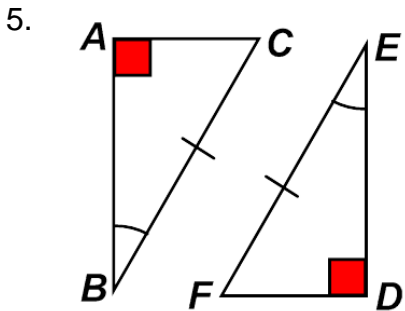
3. Given: $\triangle WXY \cong \triangle MNO$



4. Given: $\triangle CBA \cong \triangle HKI$



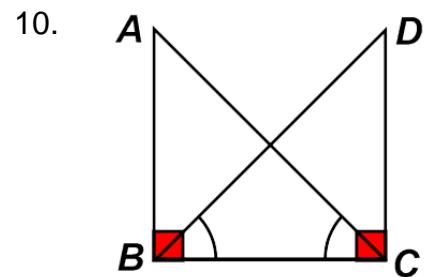
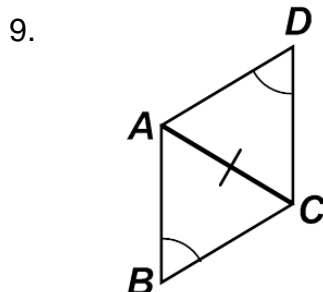
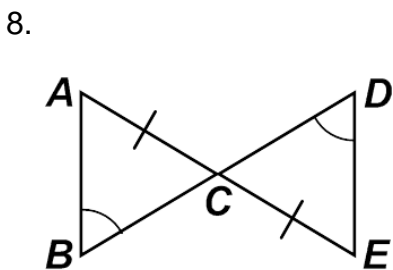
Determine whether the two triangles are congruent. If they are congruent, determine whether they are congruent by ASA or AAS.



Congruent Δ : YES or NO
 ASA or AAS

Congruent Δ : YES or NO
 ASA or AAS

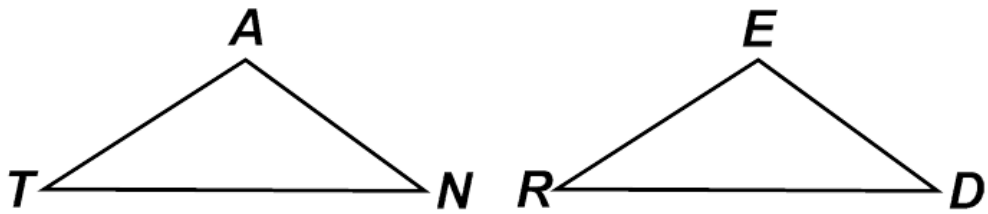
Congruent Δ : YES or NO
 ASA or AAS



Congruent Δ : YES or NO
 ASA or AAS

Congruent Δ : YES or NO
 ASA or AAS

Congruent Δ : YES or NO
 ASA or AAS



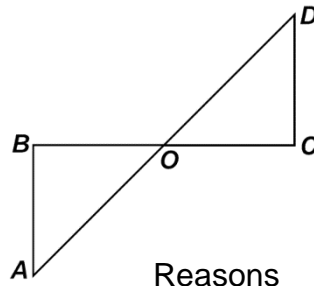
11. Given: $\overline{TA} \cong \overline{RE}$
 $\angle T \cong \angle R$ What other angle would you need to prove the triangles are congruent by AAS?

12. Given: $\overline{AN} \cong \overline{ED}$
 $\angle A \cong \angle E$ What other angle would you need to prove the triangles are congruent by ASA?

Prove.

13. Given: $\angle A \cong \angle D$
 $\overline{AB} \cong \overline{DC}$

Prove: $\triangle AOB \cong \triangle DOC$



Statement

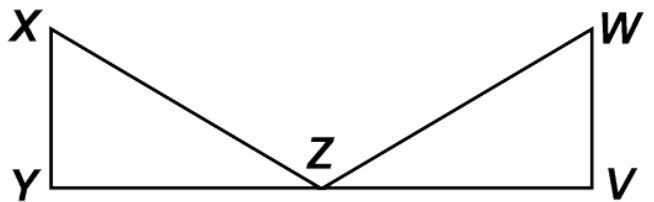
Reasons

1. _____
2. _____
3. _____
4. _____

1. _____
2. _____
3. _____
4. _____

14. Given: $\angle XZY \cong \angle WZV$
Z is the midpoint of \overline{YV}
 $\angle Y$ and $\angle V$ are right angles.

Prove: $\triangle XYZ \cong \triangle WVZ$



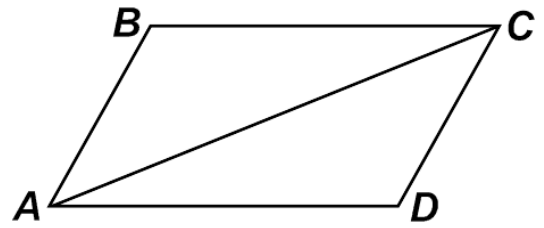
Statement

Reasons

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Prove. May not use all 8 statements and reasons.



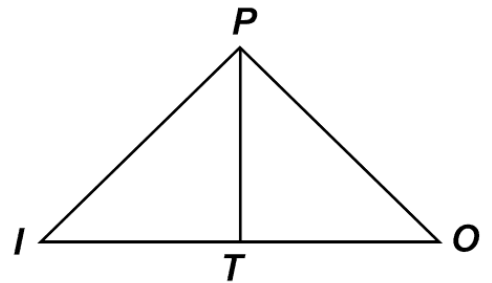
15. Given: $\overline{AB} \parallel \overline{CD}$
 $\overline{AD} \parallel \overline{BC}$

Prove: $\triangle ABC \cong \triangle CDA$

Statement	Reasons
1. _____	1. _____
2. _____	2. _____
3. _____	3. _____
4. _____	4. _____
5. _____	5. _____
6. _____	6. _____
7. _____	7. _____
8. _____	8. _____

16. Given: $\overline{PT} \perp \overline{IO}$
 $\angle I \cong \angle O$

Prove: $\triangle TIP \cong \triangle TOP$



Statement	Reasons
1. _____	1. _____
2. _____	2. _____
3. _____	3. _____
4. _____	4. _____
5. _____	5. _____
6. _____	6. _____
7. _____	7. _____
8. _____	8. _____