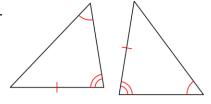
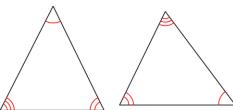
Is it possible to prove that the triangles are congruent? If so, state which congruence postulate or theorem you would use.

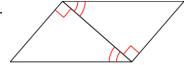
1.



2.



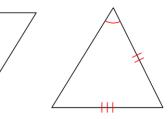
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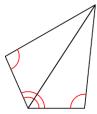
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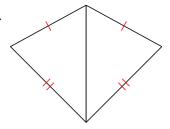
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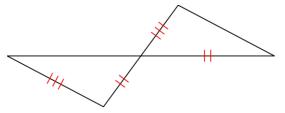
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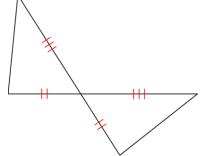
7.



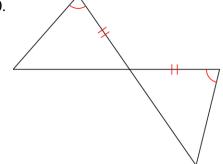
8.



9.



10.



Use the given information to determine whether or not $\triangle ABC \cong \triangle JKL$. Explain your reasoning. (Hint: You may want to make a sketch of the triangles.)

11.
$$\overline{AB} \cong \overline{JK}$$
, $\overline{BC} \cong \overline{KL}$, $\angle B \cong \angle K$

12.
$$\angle C \cong \angle L$$
, $\angle A \cong \angle J$, $\angle B \cong \angle K$

13.
$$\angle A \cong \angle K$$
, $\angle C \cong \angle L$, $\overline{AC} \cong \overline{JL}$

14.
$$\overline{CA} \cong \overline{LJ}$$
, $\angle B \cong \angle K$, $\angle C \cong \angle L$

15.
$$\overline{AC} \cong \overline{JL}$$
, $\overline{CB} \cong \overline{LK}$, $\angle A \cong \angle J$

16.
$$\overline{BC} \cong \overline{KJ}$$
, $\overline{CA} \cong \overline{LK}$, $\overline{BA} \cong \overline{LJ}$

State the additional information that is needed to prove $\Delta DEF \cong \Delta MNO$ using the indicated postulate or theorem. (Hint: You may want to make a sketch of the triangles.)

17. **Given:**
$$\overline{DE} \cong \overline{MN}$$

$$\angle D \cong \angle M$$

18. **Given:**
$$\overline{EF} \cong \overline{NO}$$

$$\angle F \cong \angle O$$

19. **Given:**
$$\overline{FE} \cong \overline{ON}$$

$$\angle F \cong \angle O$$

20. Given:
$$\overline{DF} \cong \overline{MO}$$

$$\overline{ED} \cong \overline{NM}$$