Proving Congruence Worksheet

Prove that the following triangles are congruent.

1.

2.

3.

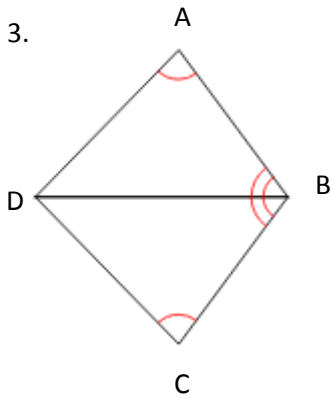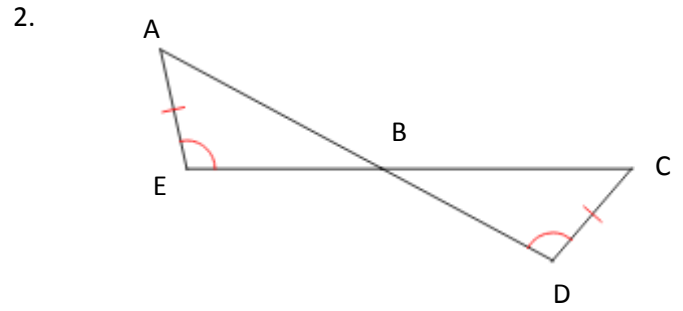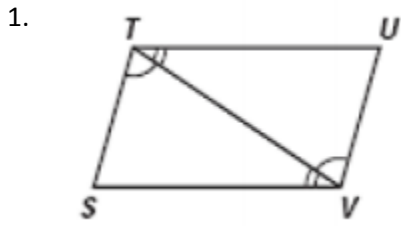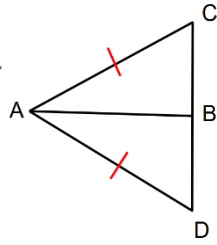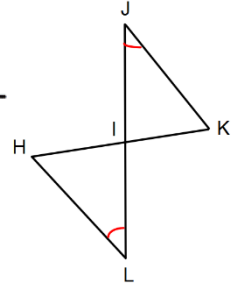4.

5.
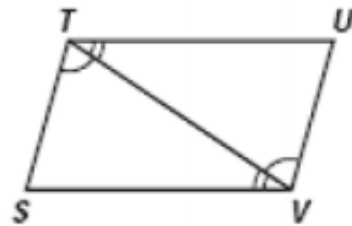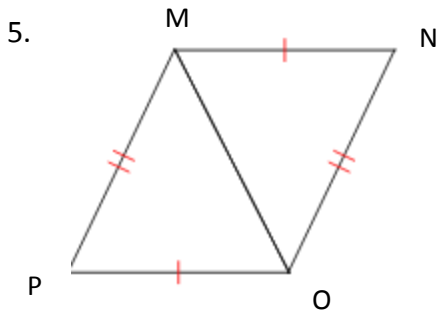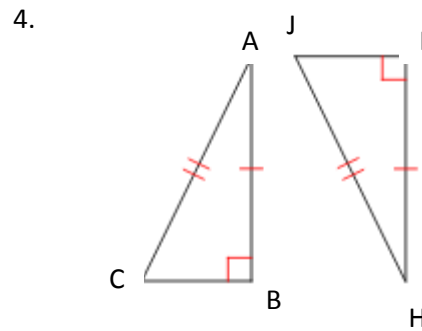
7. Given $\overline{AB}$ bisects $\overline{CD}$, prove that
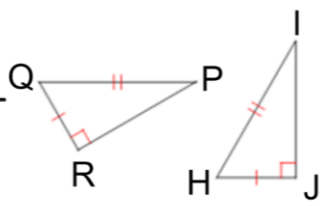$\angle C \cong \angle D$

Statement	Reason

8. Given the following triangle, prove that
$\overline{HI} \cong \overline{KI}$

Statement	Reason

9. Given the following triangle, prove that
$\angle P \cong \angle I$

Statement	Reason

10. Given the following triangle, prove that
$\overline{KJ} \cong \overline{HI}$

Statement	Reason