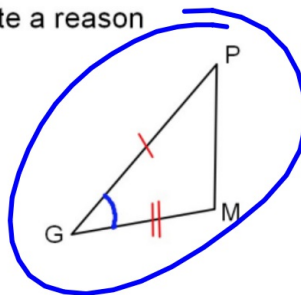
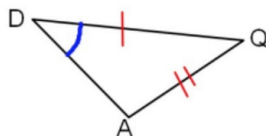
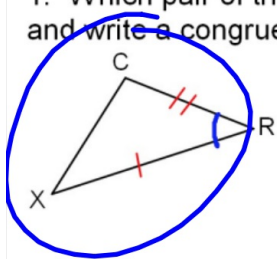


1. Which pair of triangles are congruent? State a reason and write a congruence statement.

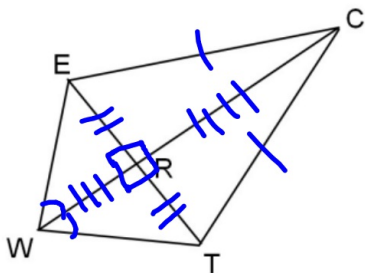


SAS

$$\triangle XCR \cong \triangle MGP$$

2. \overline{WC} bisects $\angle EWT$ and $\overline{EC} \cong \overline{TC}$ and \overline{WC} is the \perp bisector of \overline{ET} .

What triangles are congruent, if any? If there are congruent triangles state a reason and write a congruence statement.



$$\triangle EWR \cong \triangle TWR$$

SAS

$$\triangle ERC \cong \triangle TRC$$

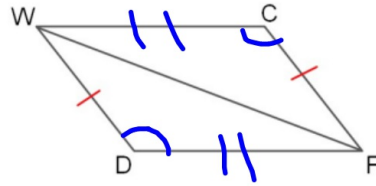
SAS or SSS

Use the given figure and any given information. What else must you know to prove the pair of triangles is congruent using the given method?

3. Use SAS

Given: $\angle C \cong \angle D$

Additional information needed:

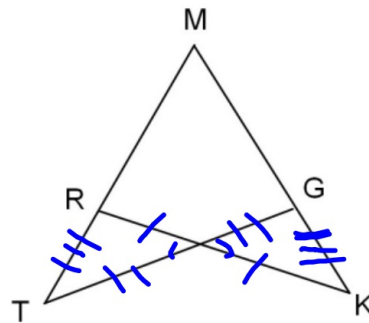


$$\overline{DF} \cong \overline{WC}$$

4. Use SSS

Given: \overline{GT} and \overline{RK} bisect each other.

Additional information needed:



$$\overline{RT} \cong \overline{GK}$$