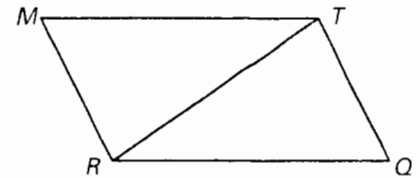


Practice A

For use with pages 212-219

Use the diagram. Name the included angle between the pair of sides given.

1. \overline{MT} and \overline{TR}
2. \overline{TQ} and \overline{RT}
3. \overline{RT} and \overline{MR}
4. \overline{TQ} and \overline{RQ}
5. \overline{MR} and \overline{TM}
6. \overline{RT} and \overline{QR}

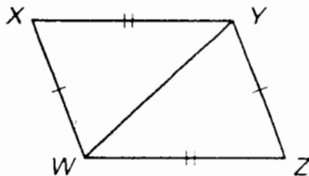


For each pair of congruent triangles, name the pairs of corresponding sides.

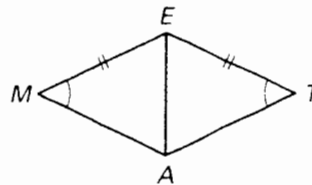
7. $\triangle ABC \cong \triangle TDF$
8. $\triangle DCT \cong \triangle FLG$
9. $\triangle PWR \cong \triangle ADE$

Decide whether enough information is given to prove that the triangles are congruent. If there is enough information, state the congruence postulate you would use.

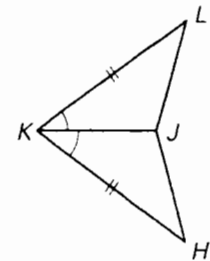
10. $\triangle XYW, \triangle ZWY$



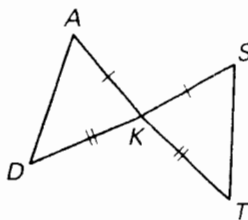
11. $\triangle MAE, \triangle TAE$



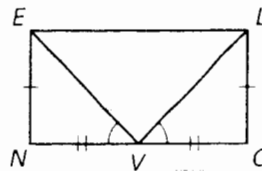
12. $\triangle KHJ, \triangle KLJ$



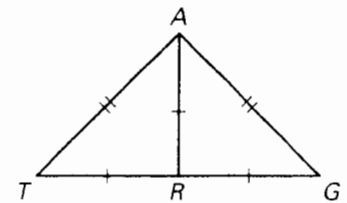
13. $\triangle DKA, \triangle TKS$



14. $\triangle ENV, \triangle LOV$



15. $\triangle TRA, \triangle GRA$

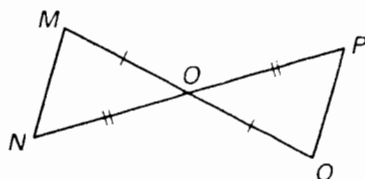


Complete the proof by supplying the reasons.

16. Given: O is the midpoint of \overline{MQ} .

O is the midpoint of \overline{NP} .

Prove: $\triangle MON \cong \triangle QOP$



Statements	Reasons
1. O is the midpoint of \overline{MQ} .	1. ?
2. $\overline{MO} \cong \overline{QO}$	2. ?
3. O is the midpoint of \overline{NP} .	3. ?
4. $\overline{NO} \cong \overline{PO}$	4. ?
5. $\angle MON \cong \angle QOP$	5. ?
6. $\triangle MON \cong \triangle QOP$	6. ?