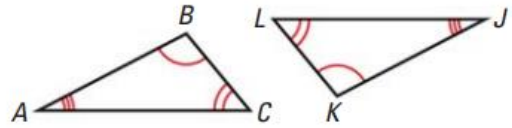


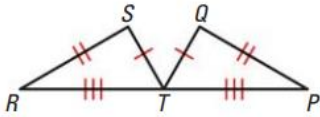
Tell whether the angles or sides are corresponding angles, corresponding sides or neither.

1. $\angle C$ and $\angle L$
2. \overline{AC} and \overline{JK}
3. \overline{BC} and \overline{KL}
4. $\angle B$ and $\angle L$

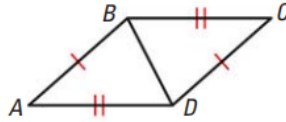


Decide whether the congruence statement is true. **Explain your reasoning.**

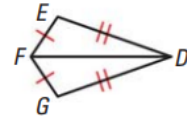
5. $\triangle RST \cong \triangle TQP$



6. $\triangle ABD \cong \triangle CDB$

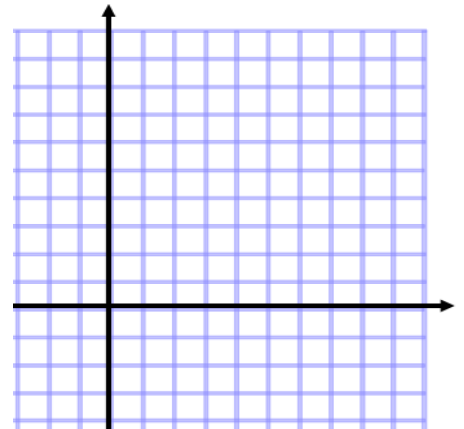


7. $\triangle DEF \cong \triangle DGF$



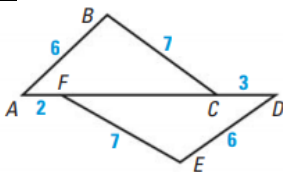
8. Use the given coordinates to determine if $\triangle ABC \cong \triangle DEF$. **Explain your reasoning.**

$A(-2, 1), B(3, -3), C(7, 5); D(3, 6), E(8, 2), F(10, 11)$

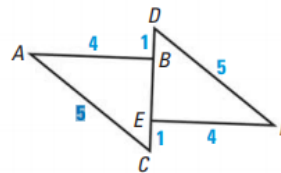


Determine whether $\triangle ABC \cong \triangle DEF$. If they are congruent, write a congruent statement. **Explain your reasoning.**

9.



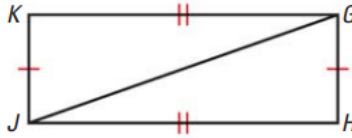
10.



11. Prove.

Given: $\overline{GH} \cong \overline{JK}$, $\overline{HJ} \cong \overline{KG}$

Prove: $\triangle GHJ \cong \triangle JKG$

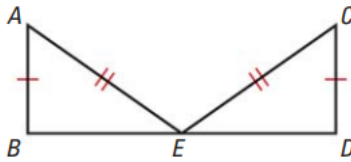


Statement	Reason
1. _____	1. _____
2. _____	2. _____
3. _____	3. _____

12. Prove.

Given: $\overline{AE} \cong \overline{CE}$, $\overline{AB} \cong \overline{CD}$
E is the midpoint of \overline{BD}

Prove: $\triangle EAB \cong \triangle ECD$

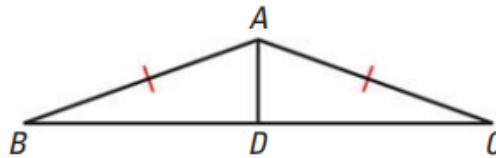


Statement	Reason
1. _____	1. _____
2. _____	2. _____
3. _____	3. _____
4. _____	4. _____

13. Prove.

Given: $\overline{AB} \cong \overline{AC}$, \overline{AD} bisects \overline{BC}

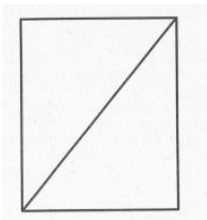
Prove: $\triangle ABD \cong \triangle ACD$



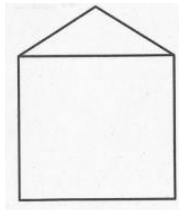
Statement	Reason
1. _____	1. _____
2. _____	2. _____
3. _____	3. _____
4. _____	4. _____
5. _____	5. _____

Decide whether the figure is stable. **Explain your reasoning.**

14.



15.



16.

