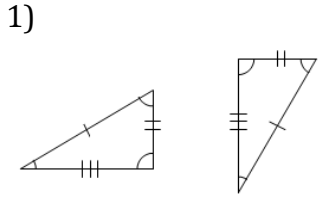
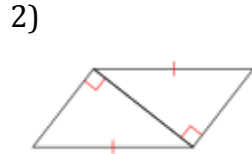


**LEVEL: EMERGING**

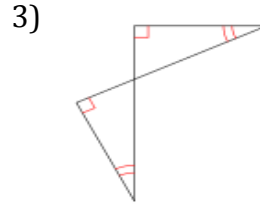
Directions: State the Triangle Congruence Theorem that could be used to prove the two triangles congruent. If triangles are not congruent, state **NOT congruent**.



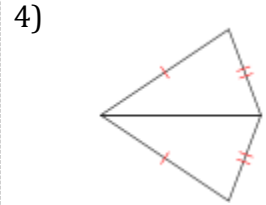
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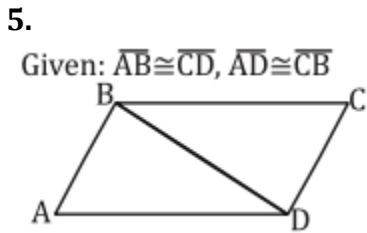
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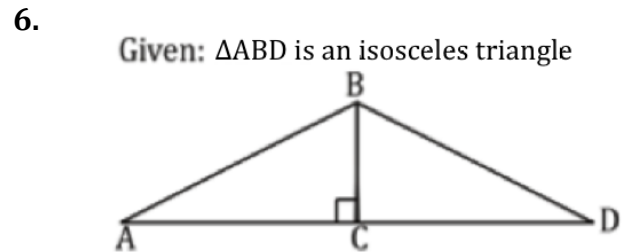
**LEVEL: PROFICIENT**

Directions: Use the SSS or HL Theorem to prove two triangles congruent. You may need less or more steps than provided in the table.



Prove:  $\triangle ABD \cong \triangle CDB$

<b>Statements</b>	<b>Reason</b>
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.

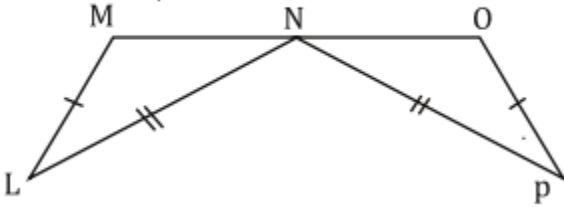


Prove:  $\triangle ABC \cong \triangle DBC$

<b>Statements</b>	<b>Reason</b>
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.

7.

Given: N is the midpoint of  $\overline{MO}$ ,  $\overline{LM} \cong \overline{OP}$ , and  $\overline{LN} \cong \overline{PN}$



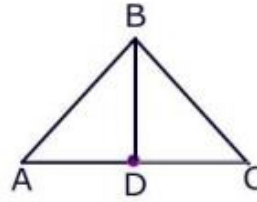
Prove:  $\triangle LMN \cong \triangle PON$

<b>Statements</b>	<b>Reason</b>
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.

8.

Given:  $\overline{AB} \cong \overline{CB}$ ,  $\overline{BD}$  is a median of  $\overline{AC}$

Prove:  $\triangle ABD \cong \triangle CBD$



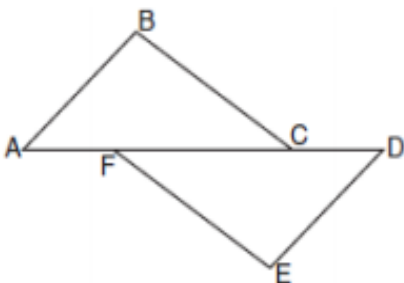
<b>Statements</b>	<b>Reason</b>
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.

**LEVEL: MASTERY**

9. Directions: Use the SSS or HL Theorem to prove two triangles congruent. You may need less or more steps than provided in the table.

Given:  $\overline{AF} \cong \overline{DC}$ ,  $\overline{AB} \perp \overline{BC}$ ,  $\overline{DE} \perp \overline{EF}$ ,  $\overline{AB} \cong \overline{DE}$

Prove:  $\triangle ABC \cong \triangle DEF$



<b>Statements</b>	<b>Reason</b>
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.