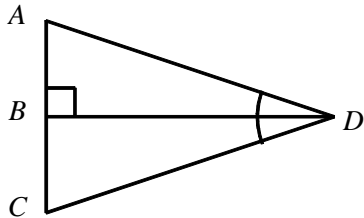


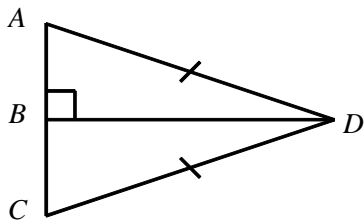
NAME: \_\_\_\_\_

*P.I. G.G.28: Determine the congruence of two triangles by using one of the five congruence techniques (HL), given sufficient information about the sides and/or angles of two congruent triangles*

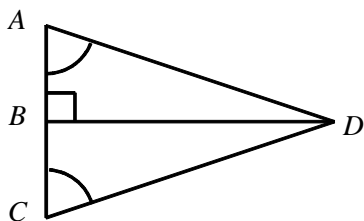
1. Is  $\triangle ABD \cong \triangle CBD$  by HL? If so, state the leg that allows the use of HL.



2. Is  $\triangle ABD \cong \triangle CBD$  by HL? If so, state the leg that allows the use of HL.

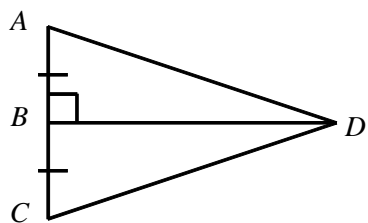


3. Is  $\triangle ABD \cong \triangle CBD$  by HL? If so, state the leg that allows the use of HL.

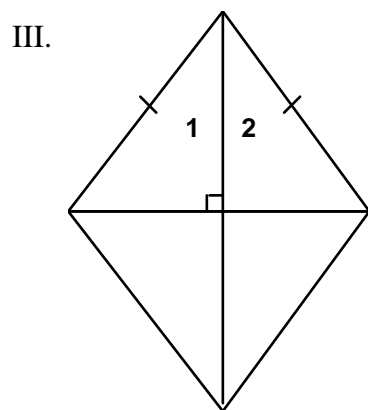
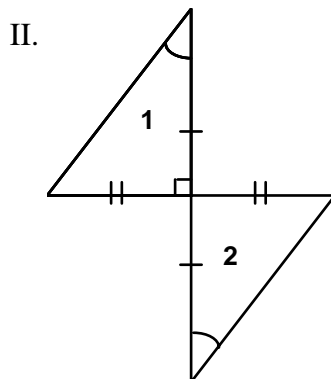
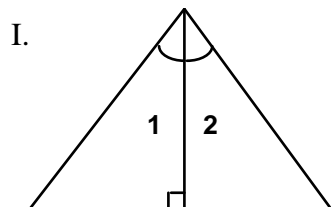


NAME: \_\_\_\_\_

4. Is  $\triangle ABD \cong \triangle CBD$  by HL? If so, state the leg that allows the use of HL.



5. In which of the following could you efficiently prove  $\triangle 1 \cong \triangle 2$  using the HL Theorem?



- [A] I and II      [B] III only      [C] II only      [D] II and III      [E] I only

[1] No \_\_\_\_\_

[2] Yes,  $\overline{BD}$  \_\_\_\_\_

[3] No \_\_\_\_\_

[4] No \_\_\_\_\_

[5] B \_\_\_\_\_