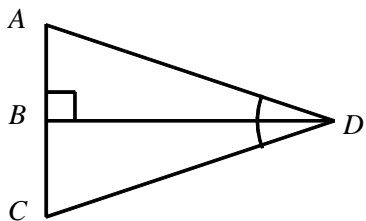
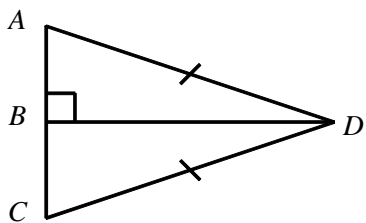


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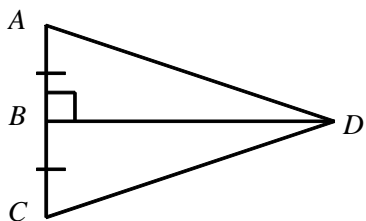
1. Is $\triangle ABD \cong \triangle CBD$ by HL? If so, state the leg that allows the use of HL.



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

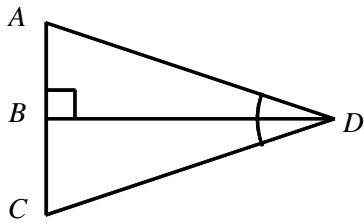


3. Is $\triangle ABD \cong \triangle CBD$ by HL? If so, state the leg that allows the use of HL.

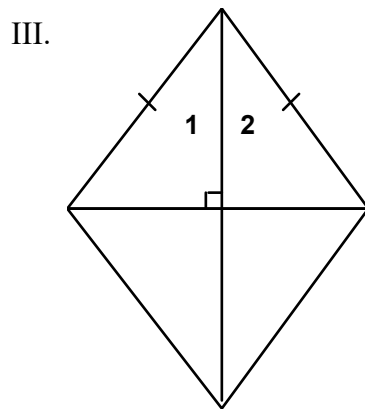
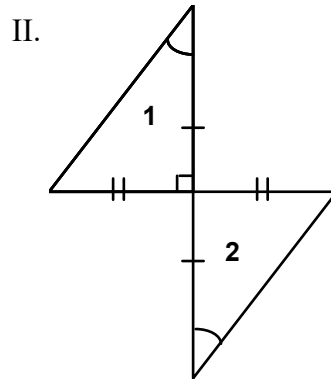
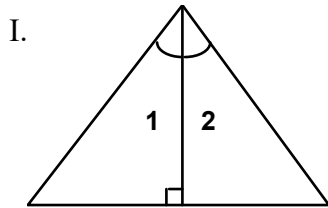


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4. Is $\triangle ABD \cong \triangle CBD$ by HL? If so, state the leg that allows the use of HL.



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



[A] II and III

[B] I and II

[C] II only

[D] I only

[E] III only

[1] No _____

[2] Yes, \overline{BD} _____

[3] No _____

[4] No _____

[5] E _____