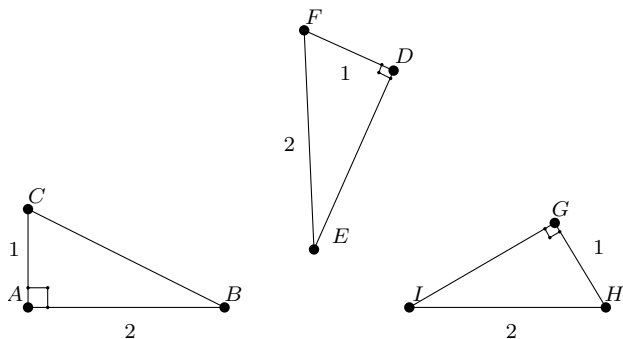
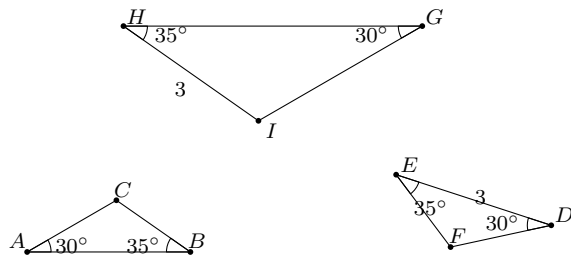


1. Which of the following triangles are congruent. Explain.

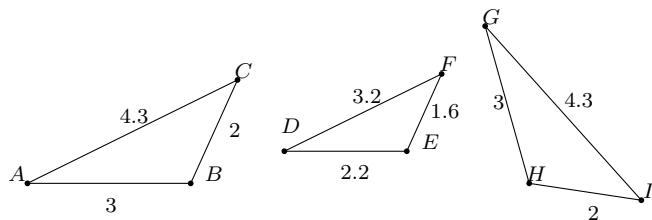
(A.)



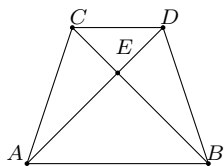
(B.)



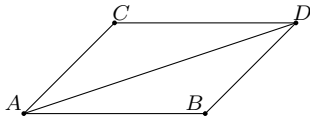
(C.)



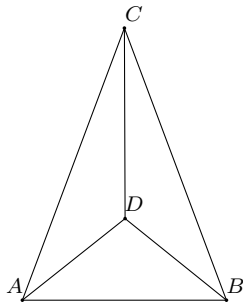
2. In the following figure $\overline{CE} \cong \overline{ED}$ and $\overline{AE} \cong \overline{EB}$. What congruency condition, SAS, ASA, AAS, or SSS, can be used to prove $\triangle AEC \cong \triangle BED$.



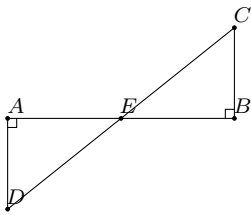
3. In the following figure $\angle CAD \cong \angle ADB$ and $\angle CDA \cong \angle DAB$. What congruency condition, SAS, ASA, AAS, or SSS, can be used to prove $\triangle ADC \cong \triangle ABD$.



4. In the following figure $\triangle ABC$ and $\triangle ABD$ are isosceles. Show that $\triangle ADC \cong \triangle BCD$



5. In the following figure $\overline{AD} \cong \overline{BC}$. Show that $\triangle ADE \cong \triangle BCE$.



6. In the following figure $\overline{BC} \cong \overline{AD}$. Find the length of \overline{DC} to the nearest tenth.

