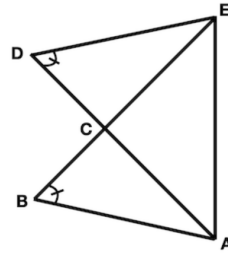
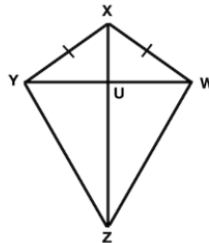


Name:

1. Given: $\angle D \cong \angle B$, $\angle DEA \cong \angle BAE$
Prove: choose which level you want to start at.
Mild: $\triangle BEA \cong \triangle DAE$
Medium: $\triangle BCA \cong \triangle DCE$
Spicy: $\overline{DC} \cong \overline{BC}$



2. Given: $\overline{YX} \cong \overline{WX}$ and $\overline{ZX}$ bisects $\angle WXY$
Prove: Choose where you start.
Mild: $\triangle YXZ \cong \triangle WXZ$
Medium: $\triangle YUZ \cong \triangle WUZ$
Spicy: $\overline{YZ} \cong \overline{WZ}$



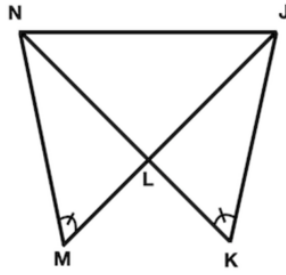
3. Given: $\angle M \cong \angle K$, and $\angle MNJ \cong \angle KJN$

Prove: choose which level you want to start at.

Mild: $\triangle MNJ \cong \triangle KJN$

Medium: $\triangle MNL \cong \triangle KJL$

Spicy: $\triangle NLJ$ is isosceles



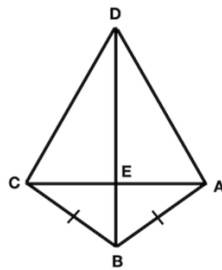
4. Given: $\overline{CB} \cong \overline{AB}$ and $\overline{BD}$ bisects $\overline{CA}$

Prove: Choose where to start.

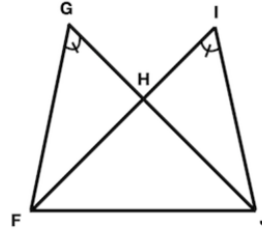
Mild: $\angle CBE \cong \angle ABE$

Medium $\overline{CD} \cong \overline{AD}$

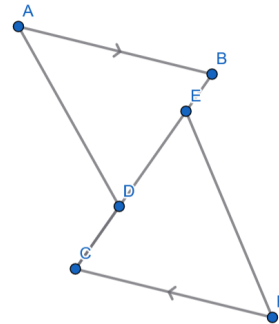
Spicy: $\angle DEA$ is a right angle.



5. Given: $\angle G \cong \angle I$, and $\angle GFJ \cong \angle IJF$
 Prove: Choose where to start
 mild: $\triangle GJF \cong \triangle IFJ$
 Medium: $\angle HFJ \cong \angle HJF$
 Spicy: $\overline{GH} \cong \overline{IH}$



6. Given: $\overline{AB} \parallel \overline{CF}$, $\overline{CD} \cong \overline{EB}$, $\overline{AD} \cong \overline{FE}$
 Prove: Choose where to start
 Medium: $\triangle ABD \cong \triangle FCE$
 Spicy: $\overline{AD} \cong \overline{FE}$



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7. Given: $\overline{AC} \parallel \overline{DE}$, $\overline{CD} \parallel \overline{EB}$, and $\overline{AG} \cong \overline{FB}$ Prove: Mild: $\triangle ACF \cong \triangle GEB$ Medium: $\overline{CF} \cong \overline{EB}$ Spicy: give me one more bit of information you would need to be given to prove all 3 triangles are congruent. I can think of 3 correct answers, try to find all.	