Content Area: Mathematics Course: ___Geometry_____

Strand: Geometric and Spatial Relationships			Missouri CLE
Power Standard: I will apply properties, postulates, and theorems to classify triangles and to prove pairs of triangles congruent.			
Kid-Friendly Objective:			
Score 4.0	**In addition to Score 3.0, in-depth inferences or applications that go beyond what was taught. For example, the student may:** *Write a two-column proof proving two triangles congruent.		
	3.5	In addition to 3.0 performance, in-depth inferences and applications with partial success.	
Score 3.0	**The student will:** *Given some key statements and/or reasons, write a two-column proof proving two triangles congruent. The student exhibits no major errors or gaps in the learning goal (complex ideas and processes).		
	2.5	No major errors or gaps in 2.0 content and partial knowledge in 3.0 content	
Score 2.0	The student will: *State the third congruence statement needed to prove two triangles congruent by a stated congruence postulate or theorem.. The student exhibits no major errors or gaps in the simpler details and processes.		
	1.5	Partial understanding of the 2.0 content and some of the 3.0 content.	
Score 1.0	With help, a partial understanding of the 2.0 content and some of the 3.0 content.		
	0.5	With help, a partial understanding of the 2.0 content and none of the 3.0 content.	
Score 0.0	Even with help, no understanding or skill demonstrated.		

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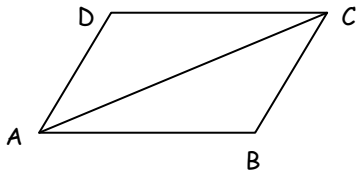
4.0 Example Assessment Items

Given: $\overline{AB} \parallel \overline{DC}$, $\overline{AB} \cong \overline{DC}$

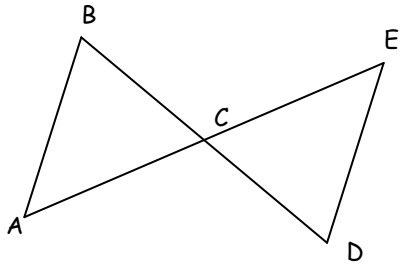
Prove: $\Delta ABC \cong \Delta CDA$



3.0 Example Assessment Items

Given: C is the midpoint of $\overline{BD}$ and $\overline{AE}$

Prove: $\Delta ABC \cong \Delta EDC$

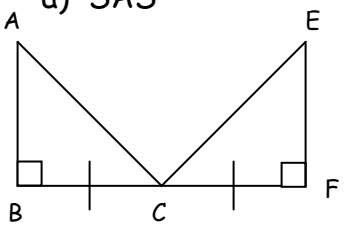


Statements	Reasons
1.	1. Given
2.	2. Defn midpoint
3.	3. Defn midpoint
4.	4.
5.	5.

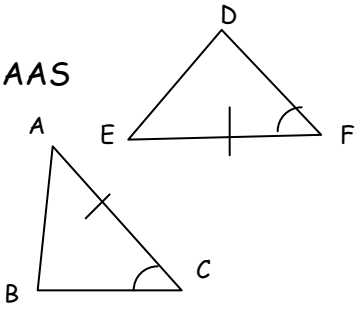
2.0 Example Assessment Items

State the third congruence that must be given in order to prove the two triangles are congruent by the indicated postulate or theorem.

a) SAS



b) AAS



c) ASA