

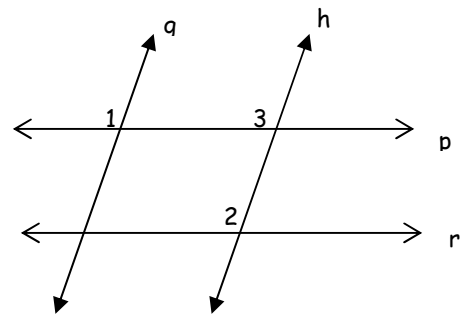
Strand: Geometric and Spatial Relationships		Missouri CLE
Power Standard: I will solve problems related to angle measure and equations of parallel and perpendicular lines.		
Kid-Friendly Objective: I will prove relationships using angle measures.		
Score 4.0	In addition to Score 3.0, in-depth inferences or applications that go beyond what was taught. For example, the student may: *write a two-column proof to prove lines are parallel.	
	3.5	In addition to 3.0 performance, in-depth inferences and applications with partial success.
Score 3.0	The student will: *given a diagram, justify whether or not two lines cut by a transversal are parallel. 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: *given a diagram, give a reason to justify a statement. 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

Complete the two-column proof.

Given: $g \parallel h$, $\angle 1 \cong \angle 2$
 Prove: $p \parallel r$



Statements	Reasons
1.	1.
2. $\angle 1 \cong \angle 3$	2.

3. $\angle 2 \cong \angle 3$

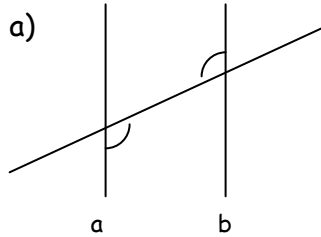
4.

3.

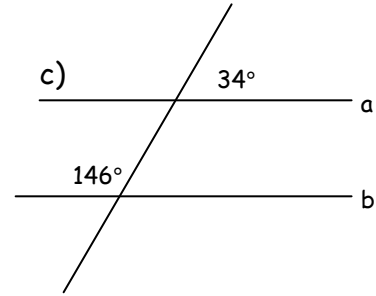
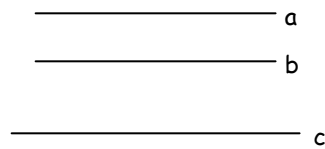
4.

3.0 Example Assessment Items

Is it possible to prove that lines a and b are parallel? If so, state the postulate or theorem that justifies your answer.



b) Given: $a \parallel b, b \parallel c$



2.0 Example Assessment Items

Give a reason to justify each statement.

a) Given: $r \parallel s$

Conclusion: $\angle 12 \cong \angle 14$

b) Given: $r \parallel s$

Conclusion: $\angle 8$ and $\angle 9$ are supplementary

c) Given: $r \parallel s$

Conclusion: $\angle 8 \cong \angle 12$

