	1/01			
Name	Key	The second telement	Date	Pd
	1 ()			

CYU 2.6 Geometric Reasoning DAY TWO Basic Proofs

☑ Use when you get it right all by yourself

Suse when you did it all by yourself, but made a silly mistake

Huse when you could do it alone with a little help from teacher or peer

Guse when you completed the problem in a group

X Use when a question was attempted but wrong (get help)

NUse when a question was not even attempted

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Given	1-6		
If \cong , then $=$. Or If $=$, then \cong .	1, 6		
Transitive POE/POC	1		
Symmetric POE/POC	1		
Segment/Angle Addition Postulate		4, 5	
Def. of Complementary/Supplementary Angles	2, 3	6	
Def. of vertical angles		6	
Def. of Perpendicular Segments/Lines	2		
Substitution POE		4, 5, 6	
Commutative POE		4	
Addition/Subtraction POE/POC		5	

1) Given: $\angle 1 \cong \angle 2$

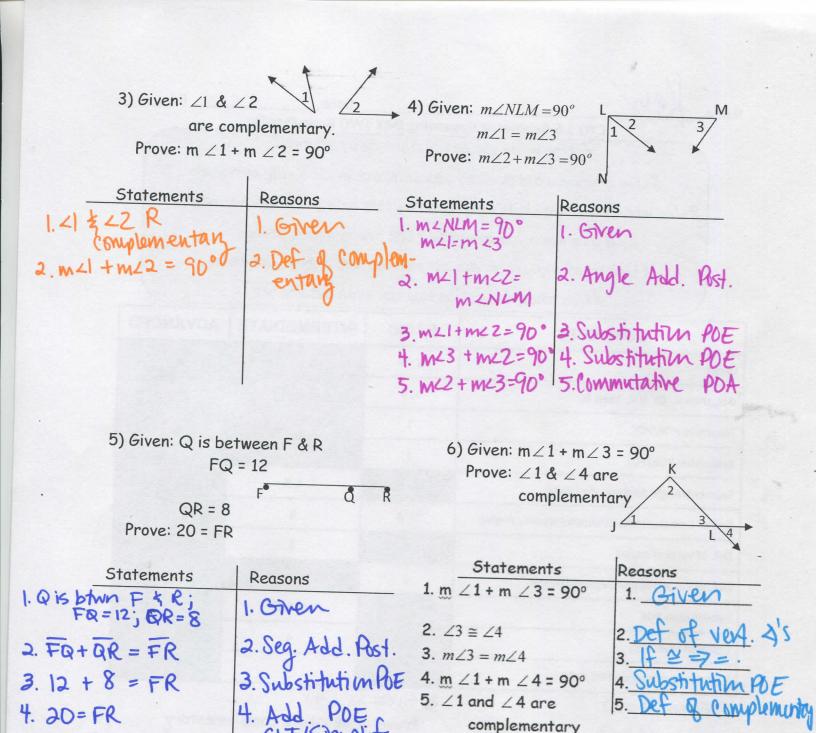
∠4 ≅ ∠2

Prove: $\angle 1 \cong \angle 4$

2) Given: $SX \perp WX$

Prove: \(\alpha \) & \(\alpha \) are complementary

				*
Statements	Reasons	Statements	Reasons	w
1.412,42;4242	1. Given	1. SX LWX	1. Given	1
	a. H = == .	2 m23+m24=90	2. Det. 06	I segments
2 mas 2 - mas 4	3. Symmetric PDE	complementay	3 Def of	complementaly
J. 11-0-11-	11.11=ラン	complementay	- X18	
5. 4 2 4	5. Transitive Poc			
7.71=27				



CYU Reflection: How far can you go: basic, intermediate, or advanced?

Rate your mastery level!

How confident are you with the skills this CYU covered? Circle the score you would give yourself.

