



Geometry

Unit 3—Formal Proofs

Day 14—introduction to formal proofs

Name: _____

Period: _____

1. Have you ever been to a formal event?
2. If yes, what did you wear?
3. Did the event include a meal? If not, did you go out to eat before or after?
4. Were you excited about the event before you went? How about after the event?
5. What event did you attend? Dance, wedding, funeral, holiday party? Describe the event....
6. Did you enjoy the experience?

When you arrive tomorrow there will be a seating chart, you will be issued a new pencil, today we will wipe down the tables to prepare for the event. We will be answering approximately 4 or 5 problems on Tuesday, and 4 or 5 on Wednesday followed up with a treat and photos at the end of class Wednesday! During the problems there will be no electronic devices, but we will have a break time for 5 minutes half way through each session.



SEE EXAMPLE

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10. Complete the following two-column proof.

Given: $\angle 1 \cong \angle 2$, $\angle 3 \cong \angle 1$

Prove: $XY \parallel WV$

Proof:

Statements	Reasons
1. $\angle 1 \cong \angle 2$, $\angle 3 \cong \angle 1$	1. Given
2. $\angle 2 \cong \angle 3$	2. a. _____ ?
3. b. _____ ?	3. c. _____ ?

