

	P1	P2	P4	
201	Solved alone SPSS got correct explanation No hint	Solved alone SPSS got correct explanation No hint	Provided constructions Px and DQ. S completed proof after words.	
202	Guided Explanation has lots of skipings and not logical Single AW-P followed by Why	1 Guided	3 Didn't solve	
203	Guided Wrong proof A help on 1.82 can't be codified (close to AW-P)	4 Couldn't solve (time up). Only one hint for a construction prvided.	Provided constructions Px and DQ. S couldn't complete a proof. T provided an iregular hint, which is not H-GOMS, that didn't help.	
205	Guided from the beginning Seems not to understand basic concepts including interior angles, similar triangles, and so on. Hence, none of the hints worked. The student often justified her argument by "look like it."	Guided	4 Didn't solve	
206	Wrong Proof. The explanation is not logical. No hint provided	Wrong Proof. No hint.	Guided, but the helps didn't help. Time up.	
207	Guided. AW-P made the student get a correct solution, but her explanation has several steps skipped. Couldn't make a logical proof.	2 Assisted Needed some help to prove triangle congruent.	4 Guided. S couldn't understand a proof. S seems not to be competent to get the helps.	
208	Guided	4 Guided	3 Didn't solve	
209	Can't prove similar triangles. No hint.	Assisted S found a unique proof that was not in the T's mind. After S completed a proof, T went on provinding a help (because T thoughgt S's proof is not good).	3 Guided	4
# help events		11	17	4