Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Unit 6 – CPCTC**

Monica

Geometry Period:\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Directions:** Prove that the congruence statements are true in the examples below. In the event there is not enough information to prove the congruence statement, write “not enough information.”

|  |  |
| --- | --- |
| 1) Given:Prove:  | 2) Given: Prove:  |
| 3) Given:Prove:  | 4) Given: Prove: |
| 5) Given:is the median of Prove: | 6) Given: , Prove:  |
| 7) Given: U is the midpoint of both  and .Prove:  | 8) Given:, *M* is the midpoint of Prove:  |