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: |