**Cwk #22 - Proving Triangles are Congruent Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***For each of the following, write a two-column proof on separate sheet of paper (stapled to the back). Make your markings on the diagrams here.***

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| **1.**  A  B  C  D  E  F  *Given:*      *Prove:* | **2.**  T  A  N  B  *Given:*    *Prove:* |
| **3.**  L  A  S  T  *Given:*  bisects    *Prove:* ∆ATL ≅ ∆ATS | **4.**  M  A  N  P  E  T  *Given:*      *Prove:* |
| **5.**  R  A  C  B  O  X  *Given:* ∠B ≅ ∠C  ∠A ≅ ∠O    *Prove:*  R  A  C  E | **6.**  A  X  I  M  N  *Given:* X is the midpoint of  ∠A ≅ ∠I    *Prove:*  T  A  P  E |
| **7.**  *Given:*    *Prove:* | **8.**  *Given:*    *Prove:* ∆PAT ≅ ∆PET |
| **9.**  P  N  A  L  *Given:* bisects ∠LAN    *Prove:* | **10.**  W  A  L  K  *Given:* ∠KWL ≅ ∠ALW  ∠AWL ≅ ∠WLK  *Prove:* ∆KWL ≅ ∆ALW |