**Acc Geo Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Practice 2.8 Day #1**

**Write a two-column proof for each of the following.**

1. Theorem: If two angles are supplementary to the same angle then they are congruent.

**Given:** $∠3$ and $∠4$ are supplementary; $∠3$ and $∠5$ are supplementary

**Prove:** $∠4≅∠5$

2. Given: $m∠3=120^{o}$; $∠1≅∠4$; $∠3≅∠4$

 Prove: $m∠1=120^{o}$



**Write a two column proof for the following.**

3. Given: $∠QVW$ and $∠RWV$ are supplementary

**** Prove: $∠QVP≅∠RWV$

4. Given: $∠5≅∠6$

 Prove: $∠4≅∠7$

5.



6. 7.



8.