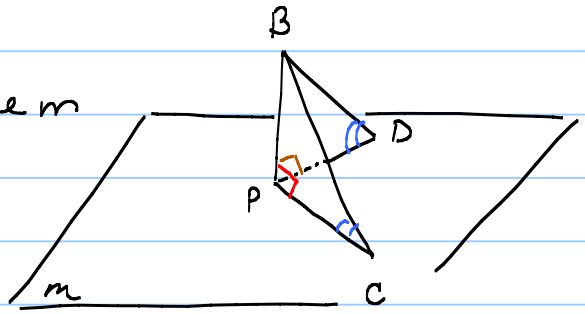
7.2/302: 1-9 (skip 3 & 5), 16

3. G: $\overline{PD}$ & $\overline{PC}$ lie in plane m
   $\overline{BP} \perp m$
   $\angle C \cong \angle D$
   P: $\angle PBC \cong \angle PBD$



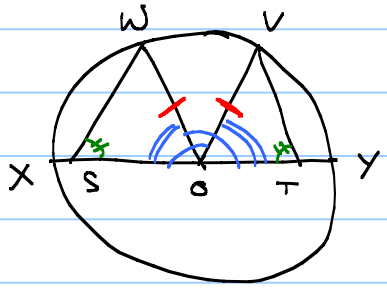
S	R
1. $\overline{PD}$ & $\overline{PC}$ lie in plane m $\overline{BP} \perp m$	1. Given
2. $\overline{BP} \perp \overline{PC}$ & $\overline{PD}$	2. If a line $\perp$ to plane then it is $\perp$ to every line in that plane that passes through its foot.
3. $\angle BPC$ & $\angle BPD$ rt $\angle$s	3. $\perp \Rightarrow$ rt $\angle$
4. $\angle BPC \cong \angle BPD$	4. rt $\angle$s $\Rightarrow \cong \angle$s
5. $\angle C \cong \angle D$	5. Given
6. $\angle PBC \cong \angle PBD$	6. No Choice

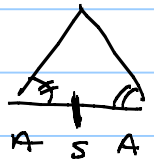
5. G: $\odot O$

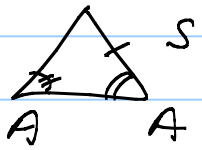
$\angle SOV \cong \angle TOW$

$\angle WSO \cong \angle VTO$

P: $\overline{SO} \cong \overline{TO}$







	S	R
1.	$\odot O$	1. GIVEN
S 2.	$\overline{WO} \cong \overline{OV}$	2. $\odot \Rightarrow \cong$ RAD
3.	$\angle SOV \cong \angle TOW$	3. GIVEN
A 4.	$\angle WOS \cong \angle VOT$	4. Subtraction
A 5.	$\angle WSO \cong \angle VTO$	5. GIVEN
6.	$\triangle WSO \cong \triangle VTO$	6. AAS (5-4-2)