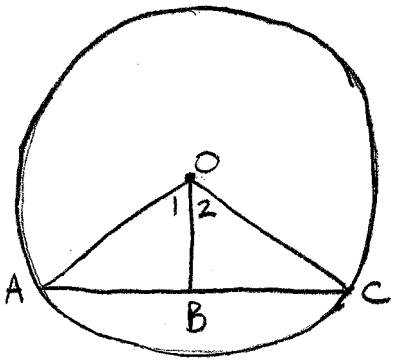
Shout-out to Sope! Check out this A+ proof of §5.1 #5.

5. Given: $\odot O$
$\overline{OB}$ is not an altitude
Prove: $\overrightarrow{OB}$ doesn't bisect $\angle AOC$



1. $\odot O$	1. G
2. $\overline{OB}$ isn't an Alt	2. G
3. $\overline{OA} \cong \overline{OC}$	3. All radii are $\cong$
4. $\overrightarrow{OB}$ bis. $\angle AOC$	4. Assumed [bwoc]
5. $\angle 1 \cong \angle 2$	5. Def of $\angle$ bis.
6. $\overline{OB} \cong \overline{OB}$	6. Refl.
7. $\triangle OBA \cong \triangle OBC$	7. SAS (3, 5, 6)
8. $\angle OBA \cong \angle OBC$	8. CPCTC
9. $\angle OBA$ & $\angle OBC$ are supp	9. Diag
10. $\angle OBA$ & $\angle OBC$ are rt. $\angle$'s	10. If 2 $\angle$'s are $\cong$ and supp they are rt.
11. $\overline{OB}$ is an alt	11. Def of Alt.
	(2, 11)