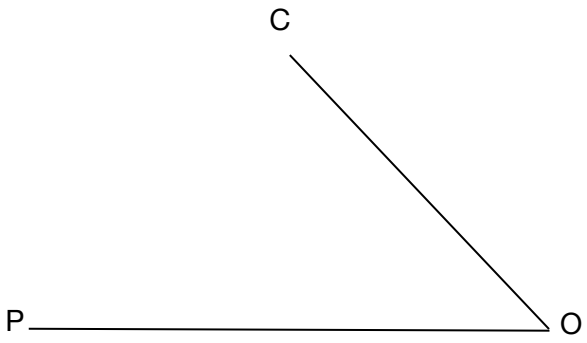
Name: _____

Date: _____

Math 101: Assignment 13

1. Bisect $\angle COP$.



Given:

Construct:

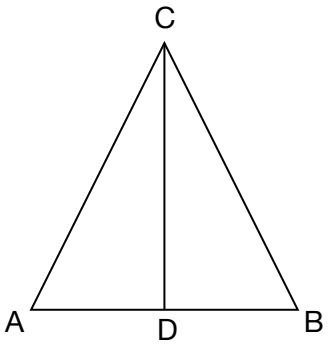
Prove:

Proof

2. What are right angles?

3. If $\overline{CD}$ bisects $\angle ACB$ and $\triangle ABC$ is equilateral, then $\angle CDA$ and $\angle CDB$ are right angles.

Given:



Prove:

Proof

4. If point C is the center of circle EDG and point H bisects $\overline{EG}$, then $\overline{CH} \perp \overline{AB}$.

Given:

Prove:

Proof