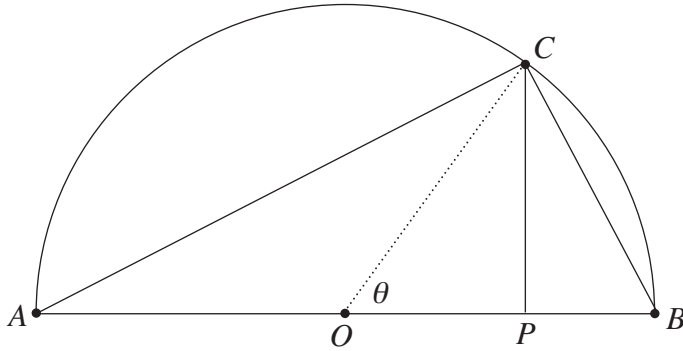# Practice Quiz

1a. The figure below depicts part of a circle with diameter AB and center O. Use the *pons asinorum* to show that the angle $\angle CAO$ is equal to $\frac{\theta}{2}$.

1b. Draw a generic triangle (into the space below) label the sides and the angles appropriately and state the Laws of sine and cosine.

1c. Explain with the aid of a diagram (put it into the space below) the meaning of $\sin\gamma$ and $\cos\gamma$ for an angle γ that satisfies $90° < \gamma \leq 180°$.