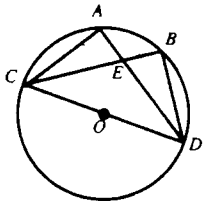
Circle Proofs Intro
Math B

Name:

Date:

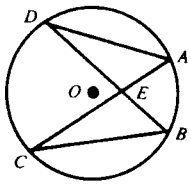
1

Given: $AE = BE$
Prove: $m\overset{\frown}{AC} = m\overset{\frown}{BD}$



2

Given: $BC = AD$
Prove: $\triangle ADE \cong \triangle BCE$



3

Given: $m\overset{\frown}{AB} = m\overset{\frown}{BC}$, $\overline{OX} \perp \overline{BC}$, $\overline{OY} \perp \overline{AB}$
Prove: $\triangle OXB \cong \triangle OYB$