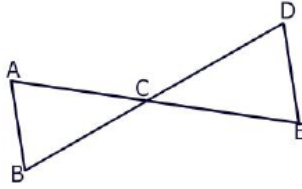


Geometry

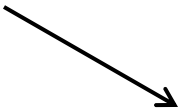
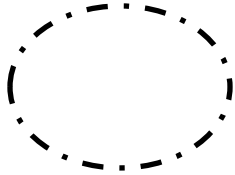
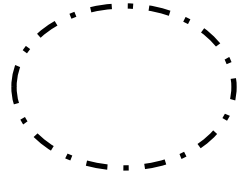
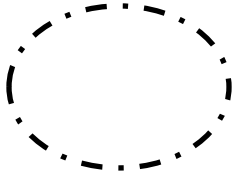
Unit One B: Flowchart Proofs #5 (HW10)

Given: C is the midpoint of \overline{BD} ;
 $\angle A \cong \angle E$

Diagram:



Prove: $\triangle ACB \cong \triangle ECD$

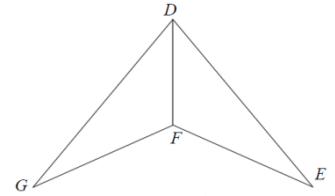


Name: _____

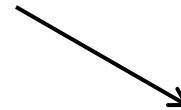
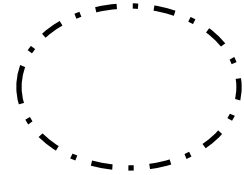
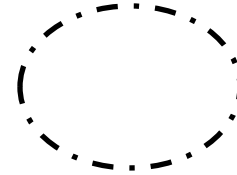
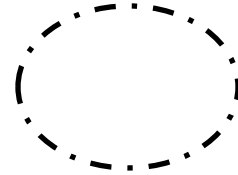
Date: _____ Period: _____

Given: \overline{DF} bisects $\angle GDE$;
 $\overline{DG} \cong \overline{DE}$

Diagram:

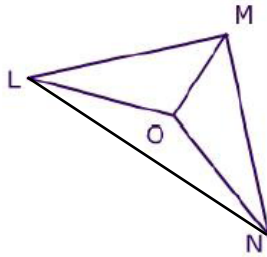


Prove: $\triangle DFG \cong \triangle DFE$

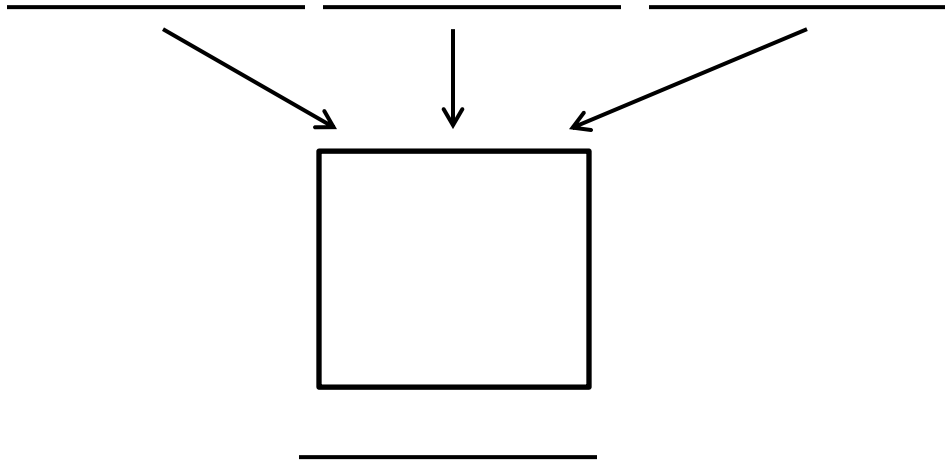
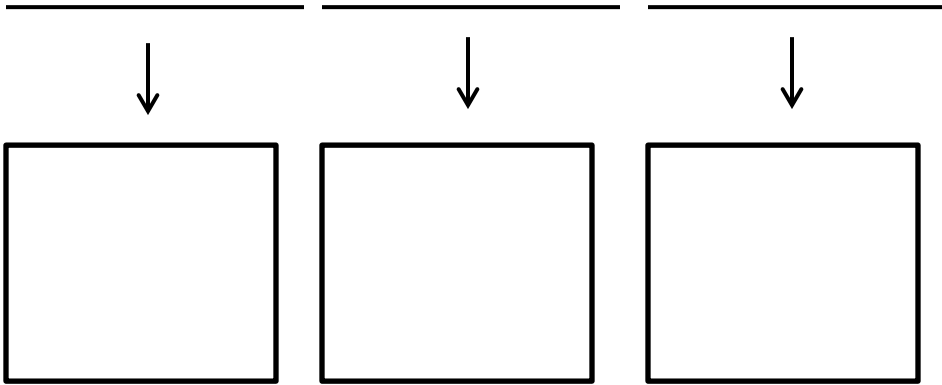
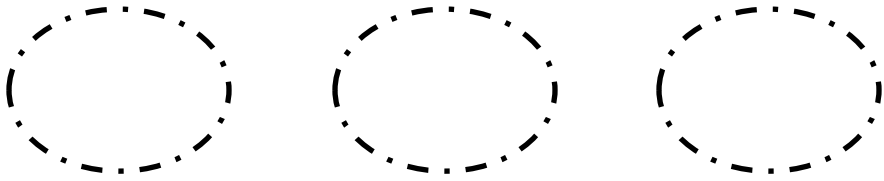


Given: $\triangle LMN$ is isosceles with base \overline{LN} ; \overline{MO} bisects $\angle LMN$

Diagram:

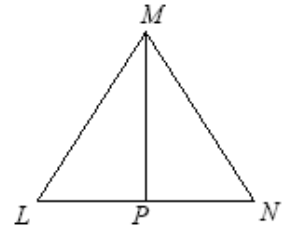


Prove: $\triangle LOM \cong \triangle NOM$



Given: $\overline{MP} \perp \overline{LN}$; $\overline{ML} \cong \overline{MN}$

Diagr:



Prove: $\triangle MLP \cong \triangle MNP$

