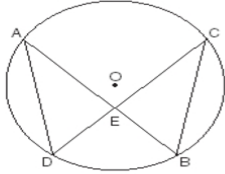


**M\$6 EUCLIDEAN GEOMETRY PROOFS REVIEW WORKSHEET**

1) **6/01 Regents, # 33**

Given: chords  $\overline{AB}$  and  $\overline{CD}$  of circle  $O$  intersect at  $E$ , an interior point of circle  $O$ ; chords  $\overline{AD}$  and  $\overline{CB}$  are drawn.

Prove:  $(AE)(EB) = (CE)(ED)$

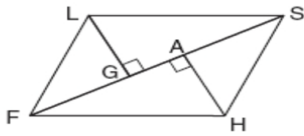


**Complete proof here:**

2) **1/06 Regents, # 34**

Given: parallelogram  $FLSH$ , diagonal  $\overline{FGAS}$ ,  $\overline{LG} \perp \overline{FS}$ ,  $\overline{HA} \perp \overline{FS}$

Prove:  $\triangle LGS \cong \triangle HAF$



**Complete proof here:**