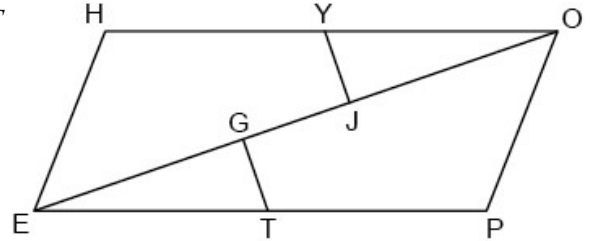


Name _____
Mr. Schlansky

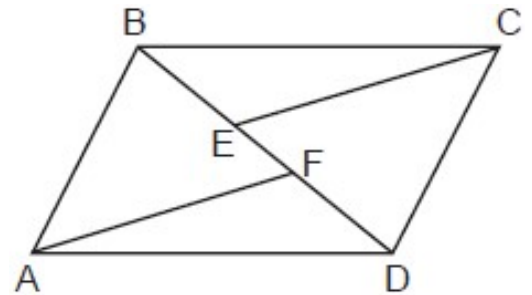
Date _____
Geometry

Proving Alternate Interior Angles Given Parallelogram Mini Proofs (PR1)

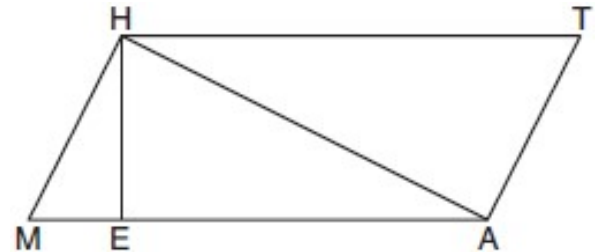
1. Given $HOPE$ is a parallelogram, prove $\triangle JOY \cong \triangle GET$



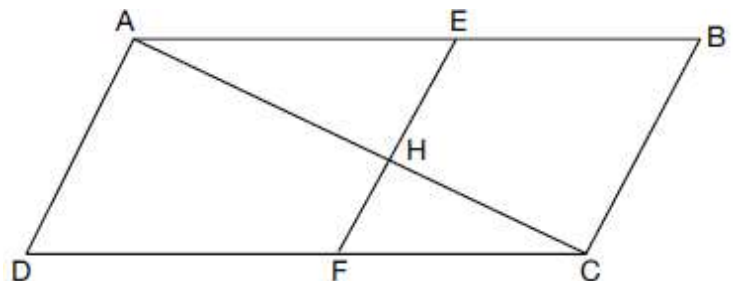
2. Given $ABCD$ is a parallelogram, prove $\triangle BCE \cong \triangle DAF$



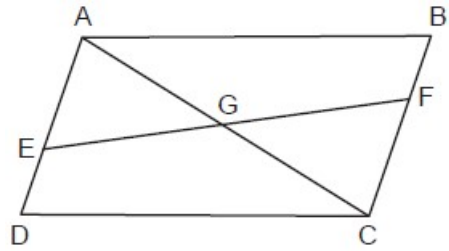
3. Given $MATH$ is a parallelogram, prove $\triangle HAT \sim \triangle AEH$



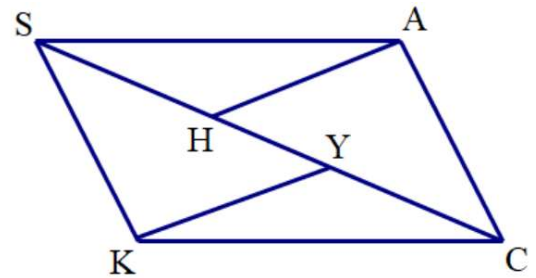
4. Given $ABCD$ is a parallelogram, prove $\triangle AEH \sim \triangle CFH$



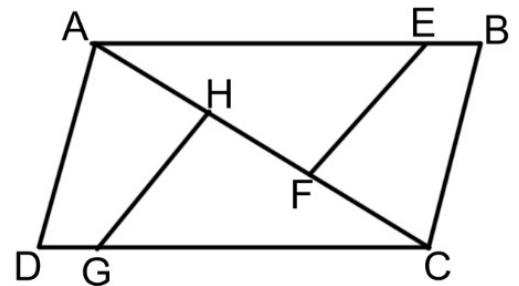
5. Given $ABCD$ is a parallelogram, prove $\triangle AEG \cong \triangle CFG$



6. Given $SACK$ is a parallelogram, prove $\triangle ASH \cong \triangle KCY$



7. Given $ABCD$ is a parallelogram, prove $\triangle EAF \cong \triangle GCH$



8. Given $ABCD$ is a parallelogram, prove $\triangle EFC \cong \triangle HGA$ $\overline{EF} \cong \overline{GH}$

