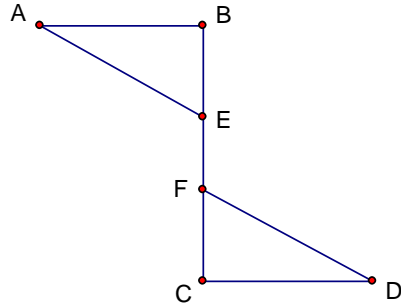
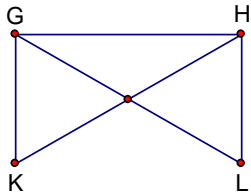


Unit 4B Day 4: More Practice with Proofs

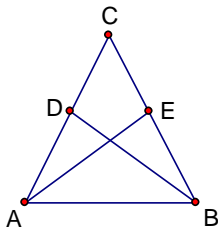
1. Given: $\overline{AB} \cong \overline{CD}$
 $\overline{AB} \perp \overline{BC}$
 $\overline{CD} \perp \overline{BC}$
 $\overline{AE} \cong \overline{CF}$
 Prove: $\angle A \cong \angle D$



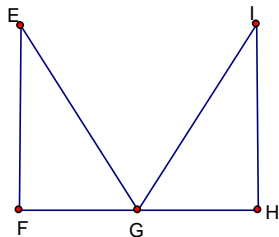
2. Given: $\overline{GK} \cong \overline{HL}$
 $\overline{GL} \cong \overline{HK}$
 Prove: $\angle K \cong \angle L$



3. Given: $\overline{AC} \cong \overline{BC}$
 $\overline{AE} \cong \overline{BD}$
 Prove: $\overline{CD} \cong \overline{CE}$



4. Given: $\angle F$ and $\angle H$ are right angles
 G is the midpoint of \overline{FH}
 $\overline{EG} \cong \overline{LG}$
 Prove: $\angle E \cong \angle L$

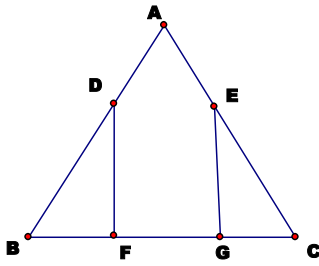


5. Given: $\angle B \cong \angle C$

$$\overline{BF} \cong \overline{GC}$$

$$\overline{BD} \cong \overline{EC}$$

Prove: $\angle BDF \cong \angle CEG$

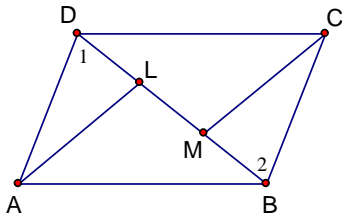


6. Given: $\angle DAL \cong \angle BCM$

$$\overline{DL} \cong \overline{MB}$$

$\angle ALD$ and $\angle CMB$ are right angles

Prove: $\overline{AL} \cong \overline{CM}$



7. Given: \overline{FI} and \overline{HE} bisect each other

Prove: $\angle E \cong \angle H$

