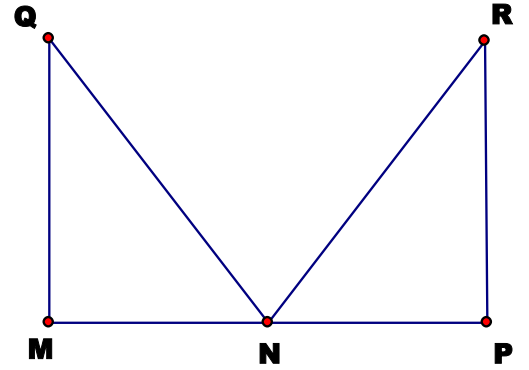
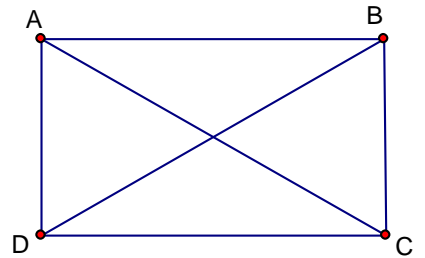


Day 4: Practice with Proof

Ex 1) Given: $\overline{MQ} \cong \overline{PR}$, $\angle M$ and $\angle P$ are right angles.
N is the midpoint of \overline{MP}
Prove: $\angle MQN \cong \angle PRN$

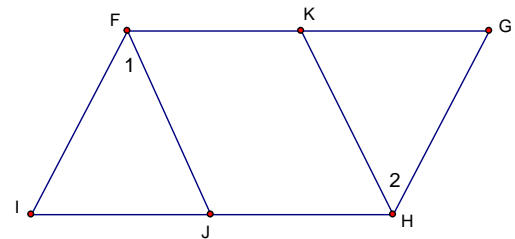


Ex 2) Given: $\overline{AD} \cong \overline{BC}$
 $\angle ADC \cong \angle BCD$
Prove: $\overline{AC} \cong \overline{BD}$

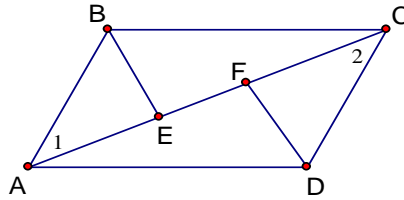


Ex 3) Given: $\angle I \cong \angle G$
 $\angle 1 \cong \angle 2$
 $\overline{JI} \cong \overline{KH}$

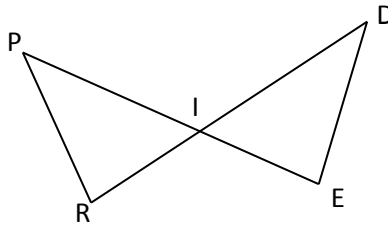
Prove: $\angle 1 \cong \angle 2$



Ex 4) Given: $\overline{AB} \parallel \overline{CD}$
 $\overline{AB} \cong \overline{CD}$
 $\angle AEB \cong \angle DFC$
 Prove: $\overline{BE} \cong \overline{DF}$



Ex 5) Given: $\overline{PI} \cong \overline{DI}$
 $\overline{RI} \cong \overline{EI}$
 Prove: $\angle R \cong \angle E$



Ex 6) Given: $\overline{KM} \perp \overline{JL}$
 M is the midpoint of \overline{JL}
 Prove: $\triangle JKM \cong \triangle LKM$

