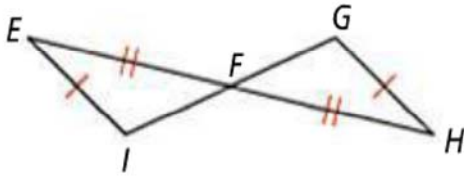


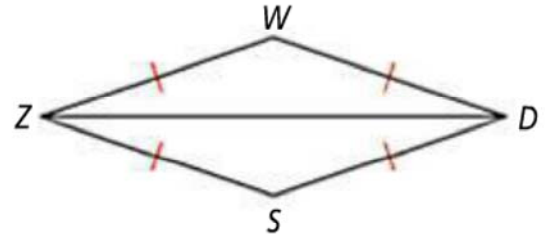
Homework: p. 230-232: 9,10,16, 17,31

9. Given: $\overline{IE} \cong \overline{GH}$, $\overline{EF} \cong \overline{HF}$,
Proof F is the midpoint of \overline{GI}

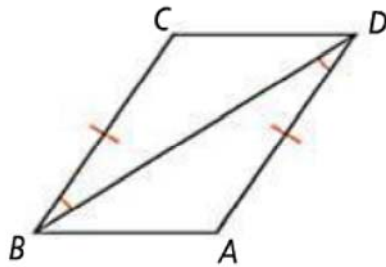
Prove: $\triangle EFI \cong \triangle HFG$



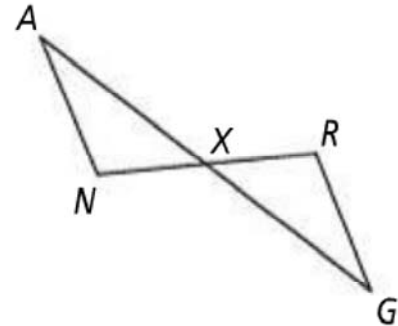
10. Given: $\overline{WZ} \cong \overline{ZS} \cong \overline{SD} \cong \overline{DW}$
Proof **Prove:** $\triangle WZD \cong \triangle SDZ$



16. Given: $\overline{BC} \cong \overline{DA}$, $\angle CBD \cong \angle ADB$
Proof **Prove:** $\triangle BCD \cong \triangle DAB$



17. Given: X is the midpoint of \overline{AG} and \overline{NR} .
Proof **Prove:** $\triangle ANX \cong \triangle GRX$



31. Given: $\overline{AB} \perp \overline{CM}$, $\overline{AB} \perp \overline{DB}$, $\overline{CM} \cong \overline{DB}$,
Proof M is the midpoint of \overline{AB}

Prove: $\triangle AMC \cong \triangle MBD$

