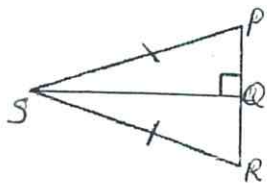
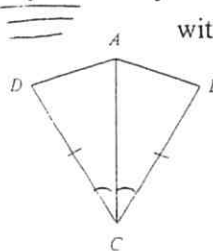


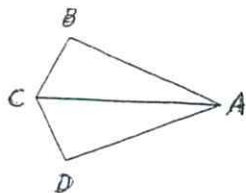
16. Is $\triangle PQS \cong \triangle RQS$ by HL? If so, name the legs that allow the use of HL.



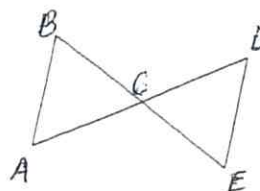
17. Explain how you can use SSS, SAS, ASA, or AAS with CPCTC to prove that $\angle D \cong \angle B$.



18. Given: $\angle BCA \cong \angle DCA$, $\angle BAC \cong \angle DAC$
Prove: $\overline{BA} \cong \overline{DA}$



19. Given: $\overline{BC} \cong \overline{EC}$ and $\angle A \cong \angle D$
Prove: $\overline{BA} \cong \overline{ED}$

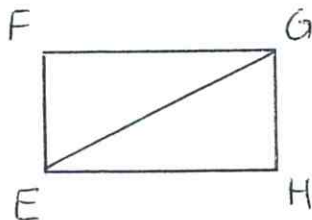


20. Given: $\overline{GF} \perp \overline{EF}$

$$\overline{EH} \perp \overline{GH}$$

$$\overline{EF} \cong \overline{GH}$$

Prove: $\triangle FGE \cong \triangle HEG$



21. Given: $\overline{AC} \perp \overline{BD}$

C is the midpoint of $\overline{BD}$

Prove: $\angle B \cong \angle D$

