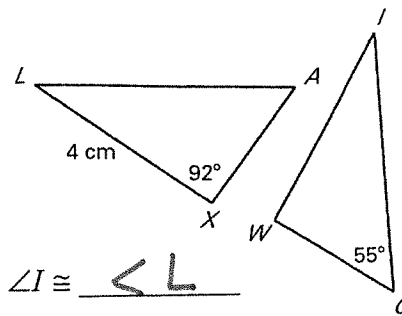


In the diagram, $\triangle ALX \cong \triangle GIW$.



124. $\overline{LX} \cong \underline{\overline{IW}}$

125. $\angle I \cong \underline{\angle L}$

126. $\angle A \cong \underline{\angle G}$

127. $\overline{WG} \cong \underline{\overline{XA}}$

128. $m\angle A = \underline{55^\circ}$

129. $m\angle W = \underline{92^\circ}$

130. $m\angle I = \underline{33^\circ}$

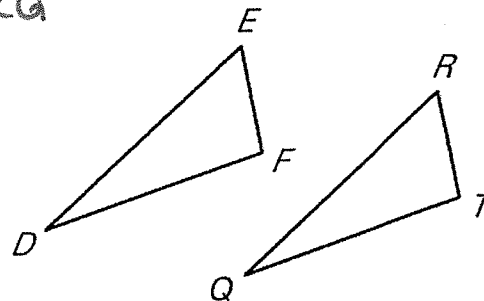
131. $m\angle L = \underline{33^\circ}$

132. $IW = \underline{4\text{cm}}$

133. $\triangle LAX \cong \underline{\triangle IGW}$

State the congruence that is needed to prove $\triangle DEF \cong \triangle QRT$ using the given postulate or theorem.

134. Given: $\angle D \cong \angle Q$, $\angle F \cong \angle T$
using AAS $\underline{\overline{EF} \cong \overline{RT}}$ or $\underline{\overline{ED} \cong \overline{RQ}}$

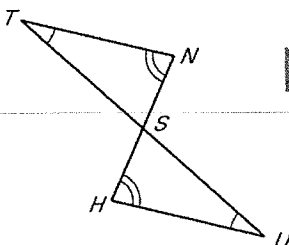


135. Given: $\angle E \cong \angle R$, $\overline{EF} \cong \overline{RT}$
using ASA $\underline{\angle F \cong \angle T}$

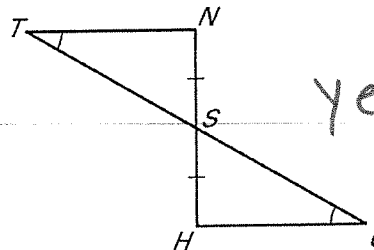
136. Given: $\overline{DE} \cong \overline{QR}$, $\angle D \cong \angle Q$
using SAS $\underline{\overline{DF} \cong \overline{QT}}$

Decide whether the triangles can be proven congruent by the given postulate or theorem.

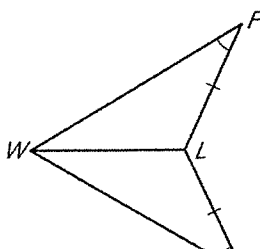
137. $\triangle TNS \cong \triangle UHS$ by ASA **NO**



138. $\triangle TNS \cong \triangle UHS$ by AAS **Yes AAS**



139. $\triangle FLW \cong \triangle YLW$ by SAS **NO**



140. $\triangle JH \cong \triangle KHJ$ by SSS **Yes SSS**

