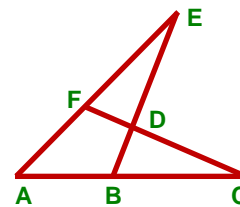


Geometric Proofs #7 – Overlapping Congruent Triangles

Given: $\triangle CDB \cong \triangle EDF$ and $\overline{AB} \cong \overline{AF}$

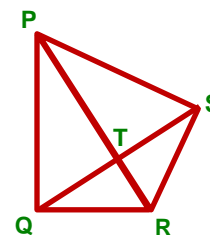
Prove: $\triangle BAE \cong \triangle FAC$



Step	Statement	Step	Reason

Given: $\overline{PQ} \perp \overline{QR}$ and $\overline{PS} \perp \overline{SR}$ and $\angle TQR \cong \angle TSR$

Prove: $\overline{PQ} \cong \overline{PS}$



Step	Statement	Step	Reason