5.7 Using Congruent Triangles

Thursday, January 5, 2017 2:59 PM

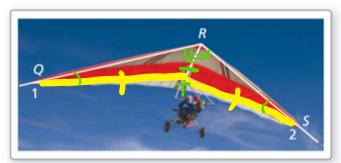
SABC= DDEF What You Will Learn LATED

Use congruent triangles.

LOSCE LC3 CF AD= DE

15C= EF AC = DF

Explain how you can use the given information to prove that the hang glider parts are congruent.



Corresponding Parts of Congruent

*CPCTC:

Triangles are Congruent

Given: $\angle Q \cong \angle S$, $\angle RTQ \cong \angle RTS$ Prove: $\overline{QT} \cong \overline{ST}$

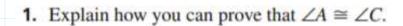
LaFLS LRTQ = LRTS RT : RT

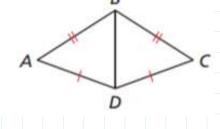
DART SSRT

ST = ST

given given Reflexion Pol AAS

CSCTC





Explain how to use the measurements in the diagram to find the distance across the pond.

