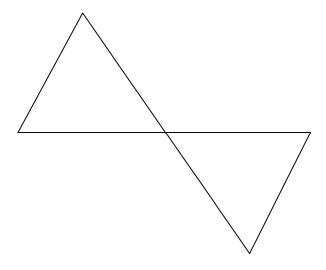
Question 1

Prove these triangles are congruent.



Question 2

Prove $\triangle BAC \cong \triangle RQS$

$$\overline{RQ} = 11cm$$
 $\overline{RS} = 14cm$

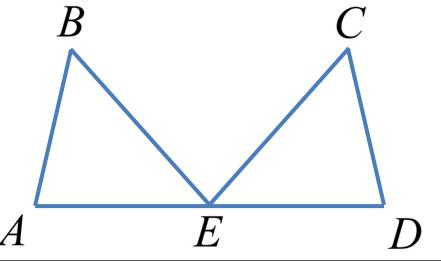
Question 3

Prove $\angle M \cong \angle O$

$$\overline{MN} \cong \overline{ON}$$

Question 4

Prove $\angle B \cong \angle C$



Facts

 \overline{HM} is parallel to \overline{AT} \overline{HA} bisects \overline{MT} at point S **Facts**

$$\angle C \cong \angle S$$

 $\angle A = 80^{\circ}$

$$\frac{\overline{BC}}{AC} = 14cm$$

$$\overline{AC} = 9cm$$

Facts

Only two triangles are involved in this problem

 \overline{PN} is a shared side.

PN bisects ∠*ONM*

Facts

E is the midpoint of AD

$$\angle CED = 65^{\circ}$$
 $\angle CEB = 50^{\circ}$
 $BE \cong \overline{CE}$

