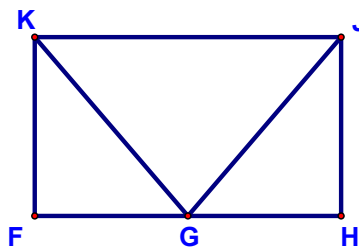


7.

Given:  $\angle FKJ$  is a right  $\angle$   
 $\angle HJK$  is a right  $\angle$   
 $\angle GKJ \cong \angle GJK$

Prove:  $\angle FKG \cong \angle HJG$



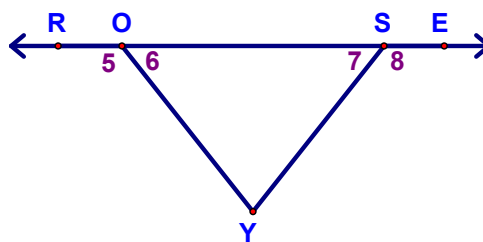
Statements

Reasons

8.

Given:  $\angle 6 \cong \angle 7$

Prove:  $\angle 5 \cong \angle 8$



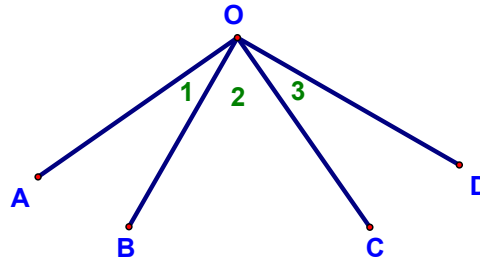
Statements

Reasons

10.

Given:  $\overleftrightarrow{OA} \perp \overleftrightarrow{OC}$   
 $\overleftrightarrow{OB} \perp \overleftrightarrow{OD}$

Prove:  $\angle 1 \cong \angle 3$



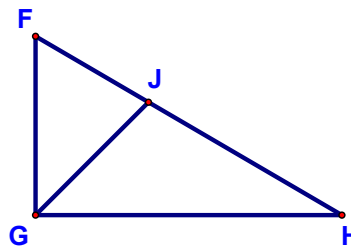
Statements

Reasons

11.

Given:  $\angle F$  is compl. to  $\angle FGJ$   
 $\angle H$  is compl. to  $\angle HGJ$   
 $\overrightarrow{GJ}$  bisects  $\angle FGH$

Prove:  $\angle F \cong \angle H$



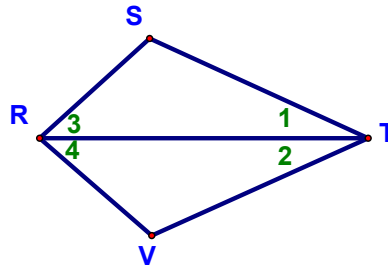
Statements

Reasons

16.

**Given:**  $\angle 1$  is compl. to  $\angle 4$   
 $\angle 2$  is compl. to  $\angle 3$   
 $\overrightarrow{RT}$  bisects  $\angle SRV$

**Prove:**  $\overrightarrow{TR}$  bisects  $\angle STV$



Statements

Reasons

20.

Find  $m\angle AEB$ .

