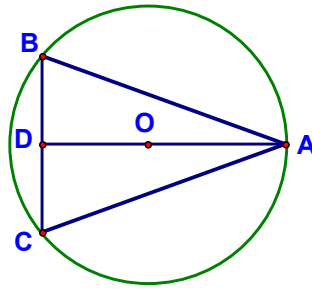


3.

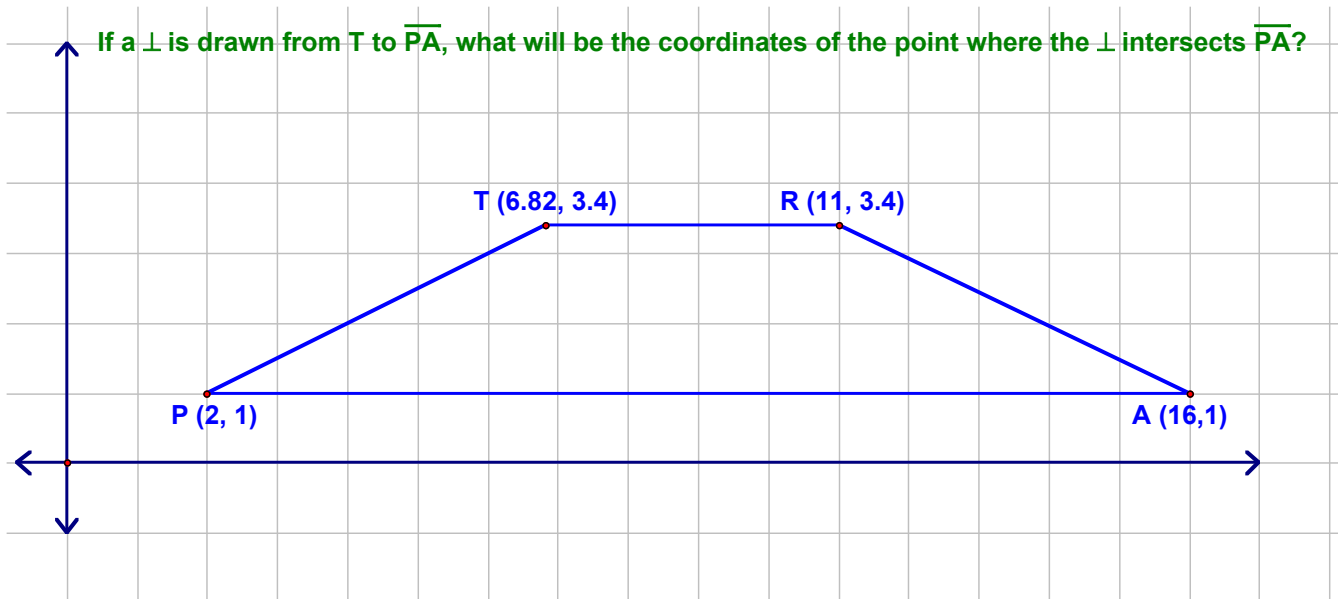
Given: $\odot O$
 $\overline{AB} \cong \overline{AC}$

Prove: $\overleftrightarrow{AD} \perp \text{bis. } \overline{BC}$

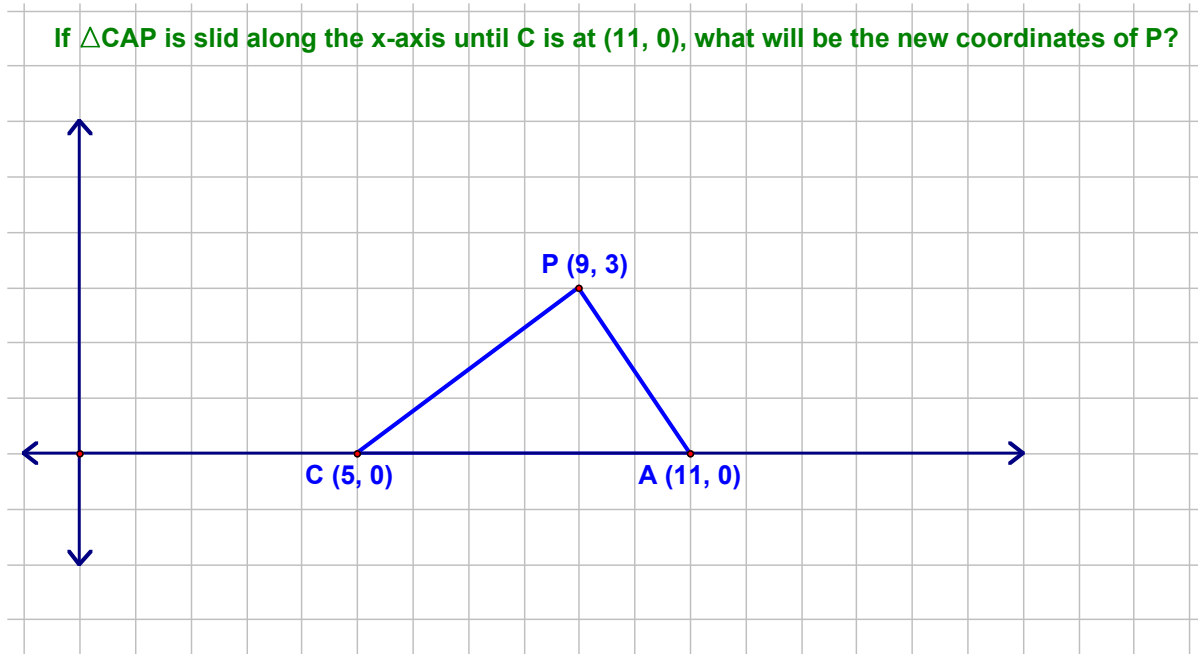


Statements	Reasons

8.



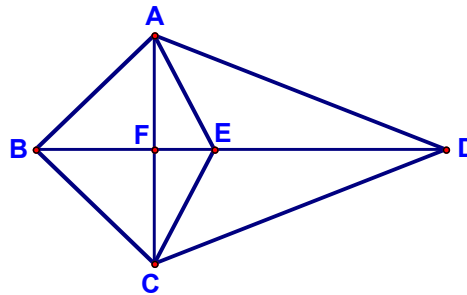
9.



12.

Given: $\overline{AB} \cong \overline{BC}$
 $\overline{AE} \cong \overline{EC}$

Prove: $\overline{AD} \cong \overline{DC}$



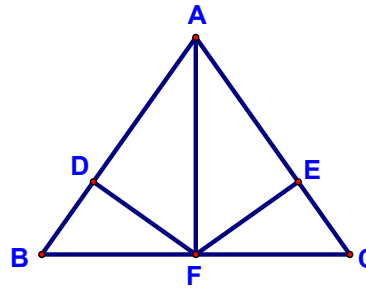
Statements

Reasons

17.

Given: F is midpt. of \overline{BC}
 $\overline{DB} \cong \overline{EC}$
 $\overline{DB} \perp \overline{DF}$
 $\overline{EC} \perp \overline{EF}$

Prove: $\overleftrightarrow{AF} \perp \overleftrightarrow{BC}$



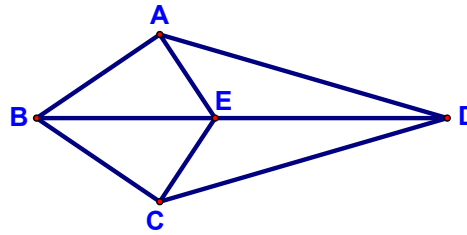
Statements

Reasons

20.

Given: $\overline{AB} \cong \overline{BC}$
 $\overline{AE} \cong \overline{EC}$

Prove: $\overline{AD} \cong \overline{DC}$



Statements

Reasons