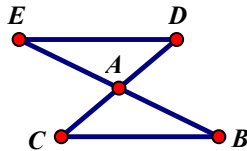


# Homework:

1) GIVEN:  
 $\angle B \cong \angle E$  &  $\overline{CB} \cong \overline{DE}$

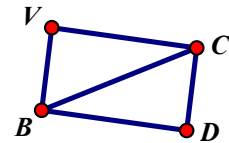
PROVE:  
 $\triangle EAD \cong \triangle BAC$



STATEMENT	REASON

2) GIVEN:  
 $\overline{VC} \cong \overline{DB}$  &  
 $\overline{VB} \cong \overline{DC}$

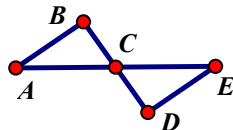
PROVE:  
 $\triangle BVC \cong \triangle CDB$



STATEMENT	REASON

3) GIVEN:  
 $\angle B \cong \angle D$  &  
 $\overline{BC} \cong \overline{DC}$

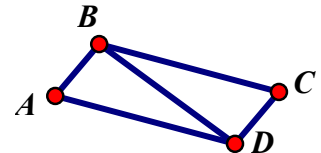
PROVE:  
 $\triangle ACB \cong \triangle ECD$



STATEMENT	REASON

4) GIVEN:  
 $\overline{AD} \cong \overline{CB}$  &  
 $\overline{AB} \cong \overline{CD}$

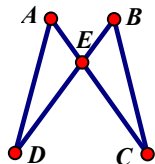
PROVE:  
 $\triangle ABD \cong \triangle CDB$



STATEMENT	REASON

5) GIVEN:  
 $\overline{AE} \cong \overline{BE}$  &  
 $\overline{DE} \cong \overline{CE}$

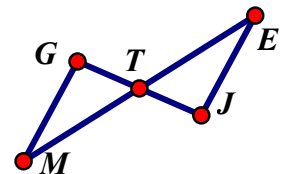
PROVE:  
 $\triangle AED \cong \triangle BEC$



STATEMENT	REASON

6) GIVEN:  
T is the midpoint of  $\overline{ME}$   
& T is the midpoint of  $\overline{GJ}$

PROVE:  
 $\triangle MGT \cong \triangle EJT$



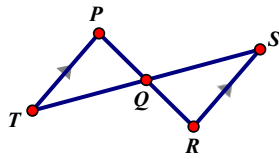
STATEMENT	REASON

7) GIVEN:

$$\overline{PT} \parallel \overline{SR} \text{ \& } \overline{PT} \cong \overline{RS}$$

PROVE:

$$\overline{TQ} \cong \overline{SQ}$$



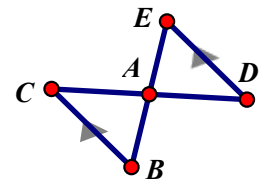
STATEMENT	REASON

8) GIVEN:

$$\overline{CB} \parallel \overline{ED} \text{ \& } A \text{ is the midpoint of } \overline{CD}$$

PROVE:

$$\triangle EAD \cong \triangle BAC$$



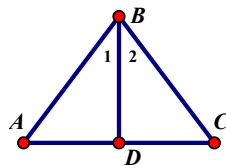
STATEMENT	REASON

9) GIVEN:

$$\overline{BD} \perp \overline{AC} \text{ \& } \overline{BA} \cong \overline{BC}$$

PROVE:

$$\angle 1 \cong \angle 2$$



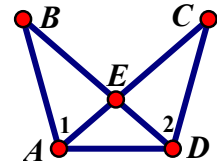
STATEMENT	REASON

10) GIVEN:

$$\angle 1 \cong \angle 2 \text{ \& } \overline{EB} \cong \overline{EC}$$

PROVE:

$$\triangle AEB \cong \triangle DEC$$



STATEMENT	REASON

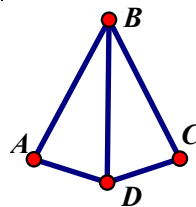
11) GIVEN:

$$\overline{BD} \text{ bisects } \angle ADC$$

$$\overline{BD} \text{ bisects } \angle ABC$$

PROVE:

$$\triangle DAB \cong \triangle DCB$$



STATEMENT	REASON

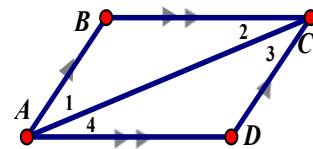
12) GIVEN:

$$\overline{AB} \parallel \overline{CD}$$

$$\overline{BC} \parallel \overline{DA}$$

PROVE:

$$\angle B \cong \angle D$$



STATEMENT	REASON