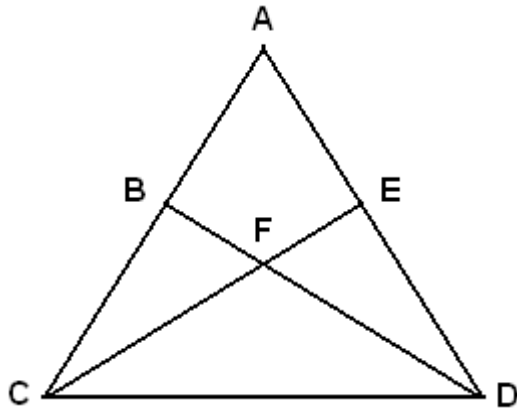


In #1-4, write a Two-Column Proof on a SEPARATE SHEET of paper for each problem.

1.)



Given:

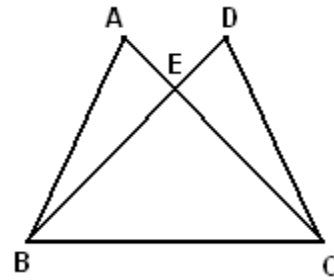
$$\overline{AC} \cong \overline{AD}$$

$$\overline{AB} \cong \overline{AE}$$

Prove:

$$\angle ACE \cong \angle ADB$$

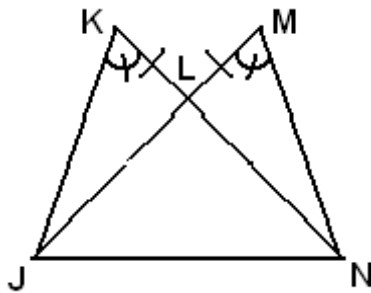
2.)



Given:  $\overline{AB} \cong \overline{DC}$   
 $\overline{AC} \cong \overline{DB}$

Prove:  $\triangle EBC$  is isosceles

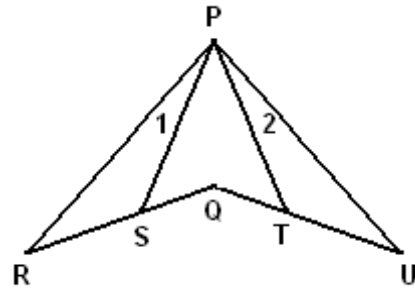
3.)



Given:  $\overline{KL} \cong \overline{LM}$   
 $\angle K \cong \angle M$

Prove:  $\overline{LJ} \cong \overline{LN}$  and  
 $\angle LJN \cong \angle LNJ$

4.)



Given:  $\overline{PR} \cong \overline{PU}$   
 $\overline{QR} \cong \overline{QU}$   
 $\overline{RS} \cong \overline{UT}$

Prove:  $\angle 1 \cong \angle 2$