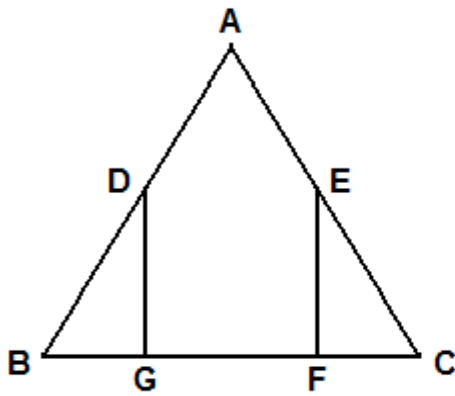
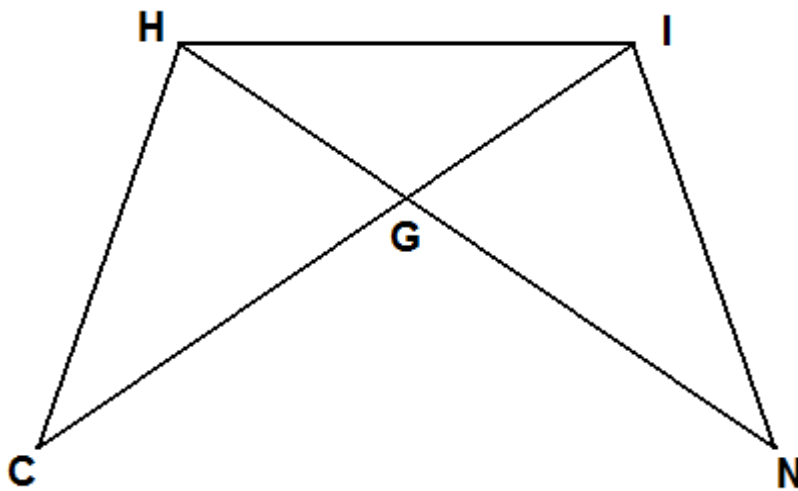


#1



Given: $\angle ADG \cong \angle AEF$ $\overline{DG} \cong \overline{EF}$ $\overline{DB} \cong \overline{EC}$	Prove: $\triangle ABC$ is isosceles
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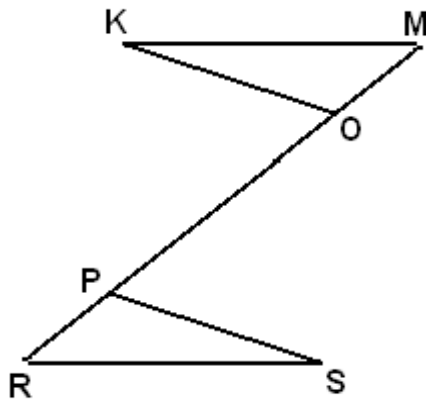
#2



Given:
 $\overline{GC} \cong \overline{GN}$
 $\angle IHG \cong \angle HIG$

Prove:
 $\overline{HC} \cong \overline{IN}$

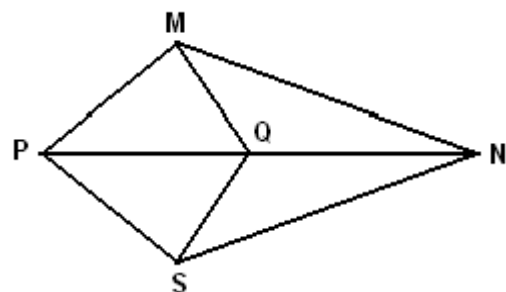
#3



Given:
 $\angle M \cong \angle R$
 $\angle RPS \cong \angle MOK$
 $\overline{MP} \cong \overline{RO}$

Prove:
 $\overline{KM} \cong \overline{RS}$

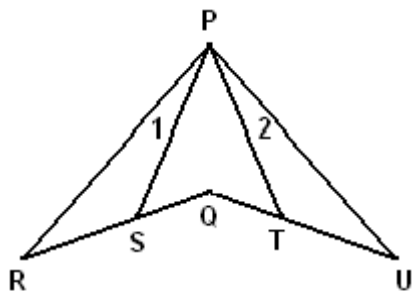
#4



Given:
 $\overline{MN} \cong \overline{NS}$
 $\overline{MP} \cong \overline{PS}$

Prove: $\angle MQP \cong \angle SQP$

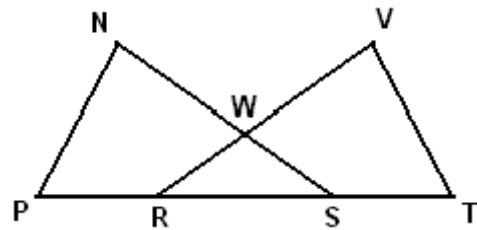
#5



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

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

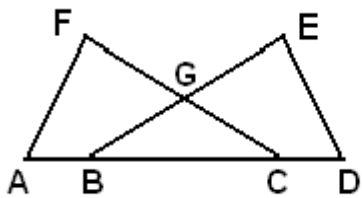
#6



Given: $\overline{PR} \cong \overline{ST}$
 $\overline{NP} \cong \overline{VT}$
 $\angle P \cong \angle T$

Prove: $\overline{WR} \cong \overline{WS}$

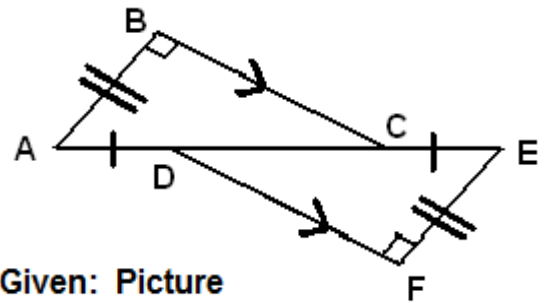
#7



Given: $\overline{AB} \cong \overline{CD}$, $\overline{AF} \cong \overline{ED}$, $\overline{CF} \cong \overline{BE}$

Prove: $\triangle BGC$ is isosceles

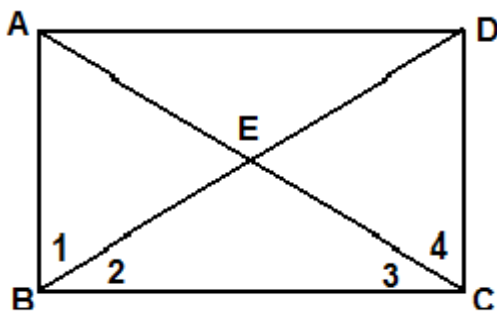
#8



Given: Picture

Prove: $\overline{BC} \cong \overline{FD}$

#9

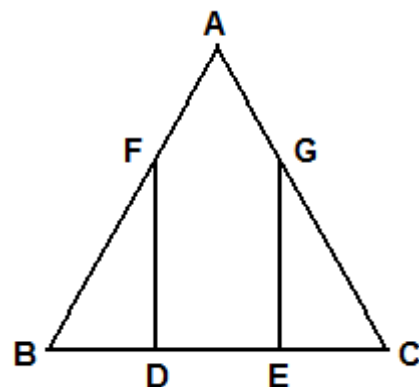


Given:

$\angle 1$ is complementary to $\angle 2$
 $\angle 3$ is complementary to $\angle 4$
 $\angle 1 \cong \angle 4$

Prove: $\overline{AB} \cong \overline{CD}$

#10



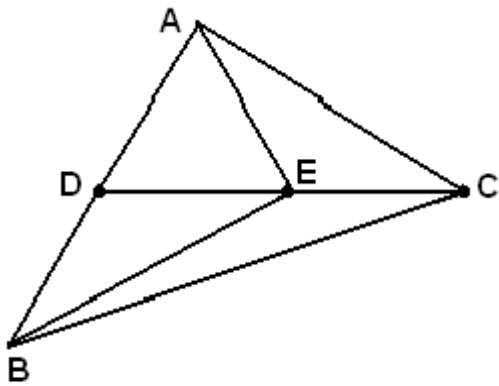
Given:

$\overline{BD} \cong \overline{CE}$
 $\overline{AB} \cong \overline{AC}$

F is the midpoint of \overline{AD}
 G is the midpoint of \overline{AC}

Prove: $\overline{DF} \cong \overline{GE}$

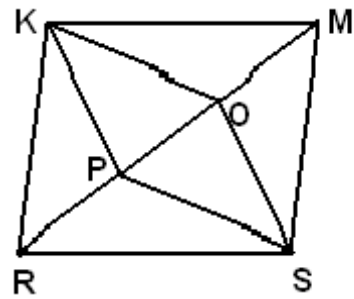
#11



Given: $\overline{AD} \cong \overline{BD} \cong \overline{AE}$, $\overline{DE} \cong \overline{EC}$

Prove: $\overline{AC} \cong \overline{BE}$

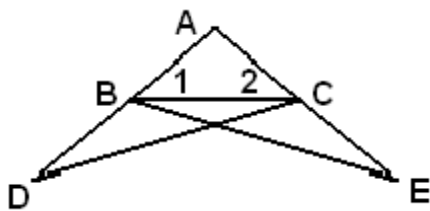
#12



Given: $KOSP$ is a rhombus
 $\overline{RO} \cong \overline{MP}$

Prove: $\overline{KR} \cong \overline{KM}$

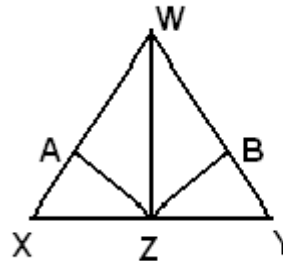
#13



Given: $\overline{BD} \cong \overline{CE}$, $\angle 1 \cong \angle 2$,

Prove: $\angle ADC \cong \angle AEB$

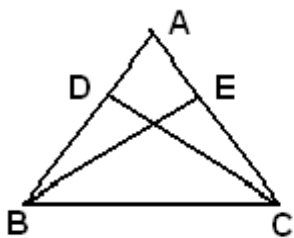
#14



Given: $\overline{AZ} \cong \overline{BZ}$
 \overline{WZ} is a median of $\triangle WXY$
 $\angle AZX \cong \angle BZY$
 $\overline{XW} \cong \overline{YW}$

Prove: $\overline{AW} \cong \overline{BW}$

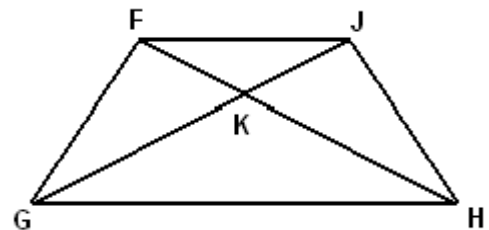
#15



Given: \overline{CD} and \overline{BE} are altitudes of $\triangle ABC$
 $\overline{AD} \cong \overline{AE}$

Prove: $\overline{DB} \cong \overline{EC}$

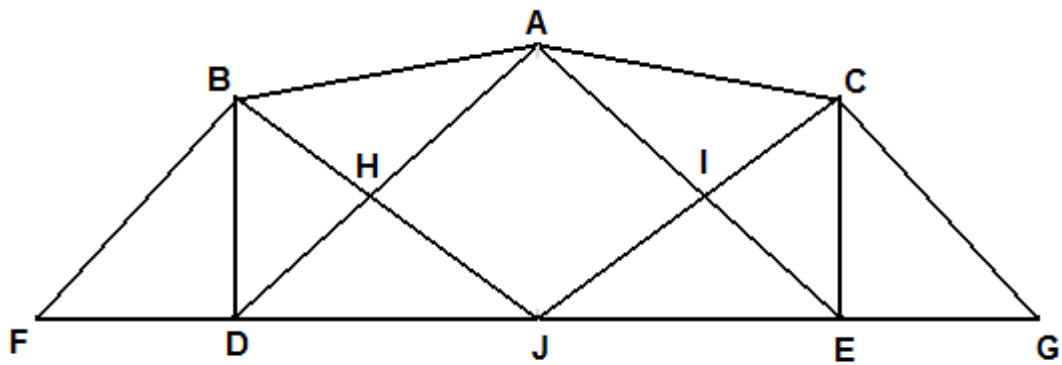
#16



Given: $\overline{FG} \cong \overline{JH}$
 $\angle FGH \cong \angle JHG$

Prove: $\overline{FK} \cong \overline{JK}$

#17



Given:

J is the midpoint of \overline{FG}

$\overline{BF} \cong \overline{CG}$

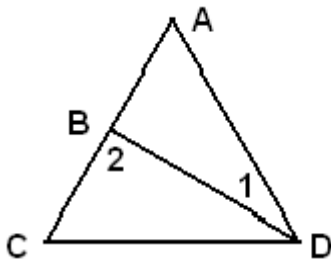
$\overline{JB} \cong \overline{JC}$

$\angle BDF$ and $\angle CEG$ are right angles

Prove:

$\overline{BD} \cong \overline{CE}$

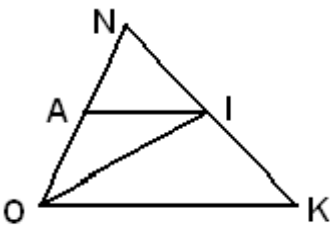
#18



Given: $\angle A \cong \angle 1$, $\angle 2 \cong \angle C$

Prove: $\overline{AB} \cong \overline{CD}$

#19



Given: $\overline{KO} \cong \overline{KN}$,

$\overline{OI} \cong \overline{ON}$, $\overline{IA} \cong \overline{IN}$

Prove: $\overline{IA} \parallel \overline{KO}$