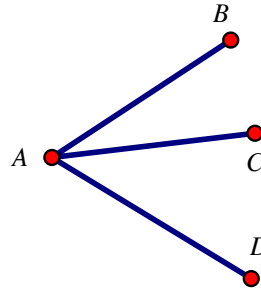


Angle Proofs

Write a two-column proof for 1 & 2 using the figure on the right.:

1. Given: $m\angle BAC = r$
 $m\angle CAD = s$

Prove: $m\angle BAD = r + s$



2. Given: $m\angle BAD = k$
 $m\angle BAC = j$

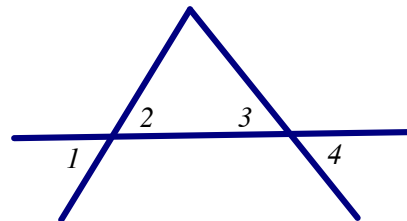
Prove: $m\angle CAD = k - j$

Using the figures on the right, write two-column proofs for 3, 4, and 5.

3. Given: $\angle 4$ is supp. To $\angle 2$
 Prove: $m\angle 1 = m\angle 4$



4. Given: $m\angle 2 = m\angle 3$
 Prove: $m\angle 1 = m\angle 4$



5. Given: $m\angle 1 = m\angle 3$
 Prove: $m\angle 2 = m\angle 4$

