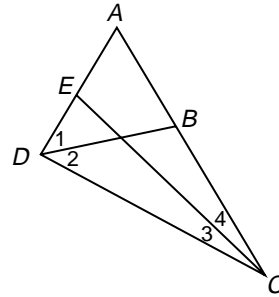


Skills Practice

Angle Bisectors of Triangles

In $\triangle ACD$, \overline{DB} bisects $\angle ADC$, and \overline{CE} bisects $\angle ACD$.

- If $m\angle 1 = 40$, what is $m\angle 2$?
- Find $m\angle ACD$ if $m\angle 4 = 25$.
- What is $m\angle 3$ if $m\angle ACD = 36$?
- If $m\angle 1 = 45$, what is $m\angle ADC$?
- What is $m\angle DCA$ if $m\angle DCE = 20$?
- Find $m\angle ADB$ if $m\angle BDC = 39$.
- What is $m\angle ACD$ if $m\angle 4 = 18$?
- Find $m\angle 2$ if $m\angle 1 = 43$.
- If $m\angle 3 = 21$, what is $m\angle 4$?
- What is $m\angle ECD$ if $m\angle ECA = 24$?



In $\triangle MOR$, \overline{MP} bisects $\angle OMR$, \overline{RN} bisects $\angle MRO$, and \overline{OS} bisects $\angle MOR$.

- Find $m\angle 6$ if $m\angle MOR = 34$.
- What is $m\angle OMR$ if $m\angle 1 = 23$?
- If $m\angle 3 = 55$, what is $m\angle 4$?
- What is $m\angle MOS$ if $m\angle MOR = 32$?
- Find $m\angle 1$ if $m\angle 2 = 27$.
- If $m\angle 4 = 60$, what is $m\angle MRO$?
- What is $m\angle SOR$ if $m\angle 6 = 15$?
- If $m\angle MRP = 112$, what is $m\angle 3$?
- Find $m\angle OMP$ if $m\angle PMR = 30$.
- What is $m\angle 4$ if $\angle MRO$ is a right angle?

