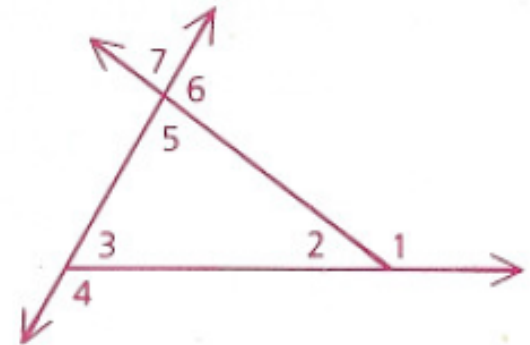


Homework

p. 298: 2, 3, 11, 16, 18

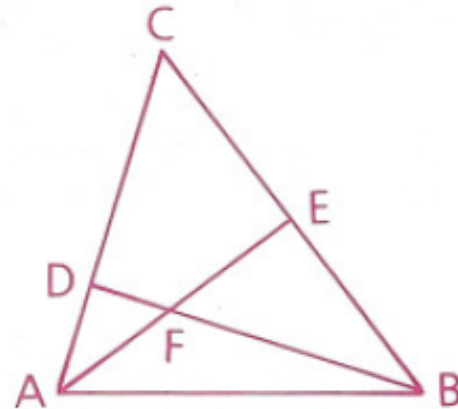
- 2** Given: $\angle 1 = 130^\circ$,
 $\angle 7 = 70^\circ$

Find the measures of $\angle 2$, $\angle 3$, $\angle 4$, $\angle 5$, and $\angle 6$.



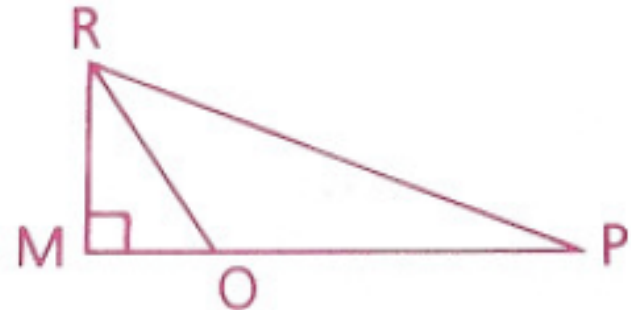
- 3** Given: $\angle CAB = 80^\circ$,
 $\angle CBA = 60^\circ$,
 \overline{AE} and \overline{BD} are altitudes.

Find: $m\angle C$ and $m\angle AFB$



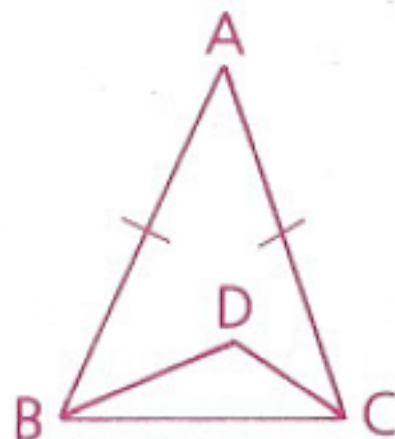
- 11** Given: $\angle P = 10^\circ$;
 \overrightarrow{RO} bisects $\angle MRP$.

Find: $m\angle ORP$ and $m\angle MOR$



- 16** Given: $\angle A = 30^\circ$, $\overline{AB} \cong \overline{AC}$;
 \overrightarrow{CD} bisects $\angle ACB$.
 \overrightarrow{BD} is one of the trisectors of $\angle ABC$.

Find: $m\angle D$



- 18** Given: $\angle PST = (x + 3y)^\circ$,
 $\angle P = 45^\circ$, $\angle R = (2y)^\circ$,
 $\angle PSR = (5x)^\circ$

Find: $m\angle PST$

