Name: _____
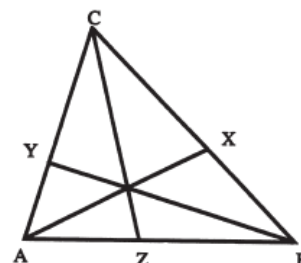
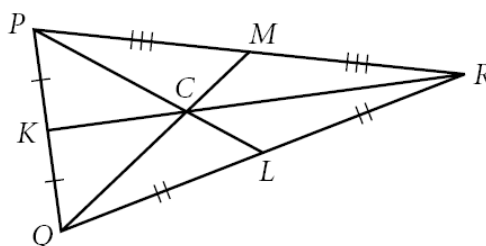# Medians and Altitudes of a Triangle

Given △ABC and medians $\overline{AX}, \overline{BY}, and\, \overline{CZ}$. If AX = 21, BY = 27, and CZ = 23, find the measures of the following segments:
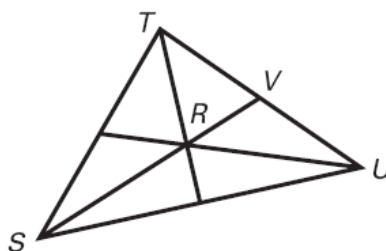
1) AM
2) CM
3) YM

PL = 24, *QC* = 10, and *KC* = 7. Find *PC*, *CL*, *QM*, and *CR*.

R is the centroid of △ *STU* and *SR* = 16. Find *SV* and *RV*.

T is the centroid of △ *QRS* and *TU* = 7. Find *QU* and *QT*.