



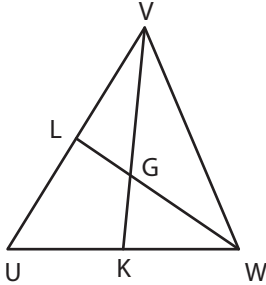
Median and Centroid

Name _____

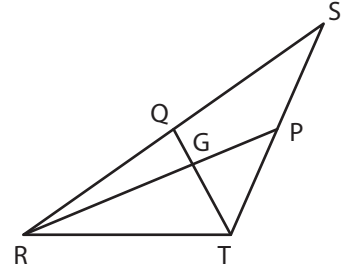
Score _____

MC:20

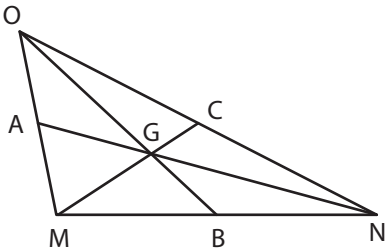
- 1) \overline{VK} and \overline{WL} are medians of triangle UVW. If $VK = 9$ and $LG = 2.3$, find WG and KG .



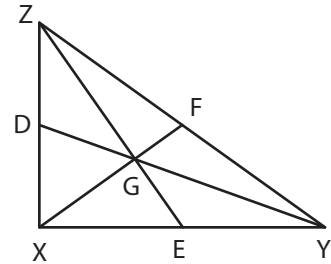
- 2) \overline{RP} and \overline{TQ} are medians of triangle RST. Find QT and RG , if $PR = 12$ and $TG = 7$



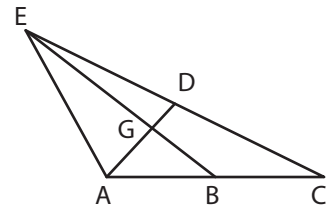
- 3) The triangle MNO with medians \overline{MC} , \overline{NA} and \overline{OB} . Find OG , CG and AG if $BG = 4$, $NG = 10$ and $MG = 6$.



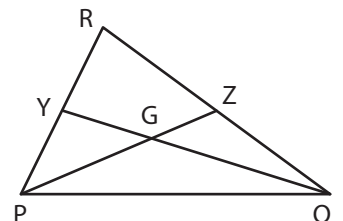
- 4) The triangle XYZ whose medians \overline{XF} , \overline{YD} and \overline{EZ} . If $DY = 15$, $ZG = 8.8$ and $FG = 3.1$, find EG , XF and YG .



- 5) \overline{AD} and \overline{EB} are the medians of the triangle ACE. If $EG = (11 - x)$ and $BE = 9$, find the value of x and BG .



- 6) \overline{PZ} and \overline{QY} are the medians of the triangle PQR. If $QG = (x - 5)$ and $QY = (x - 2)$, find the value of x .





Median and Centroid

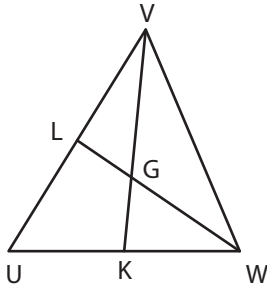
Name _____

Score _____

Answer key

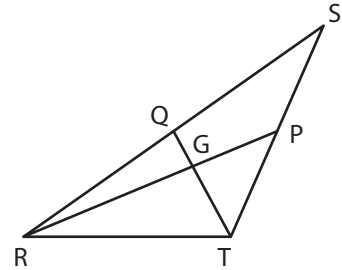
MC:20

- 1) \overline{VK} and \overline{WL} are medians of triangle UVW. If $VK = 9$ and $LG = 2.3$, find WG and KG .



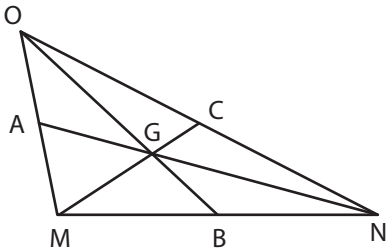
$WG = 4.6 ; KG = 3$

- 2) \overline{RP} and \overline{TQ} are medians of triangle RST. Find QT and RG , if $PR = 12$ and $TG = 7$



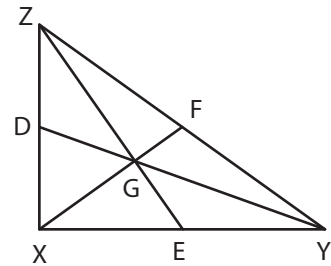
$QT = 10.5 ; RG = 8$

- 3) The triangle MNO with medians \overline{MC} , \overline{NA} and \overline{OB} . Find OG , CG and AG if $BG = 4$, $NG = 10$ and $MG = 6$.



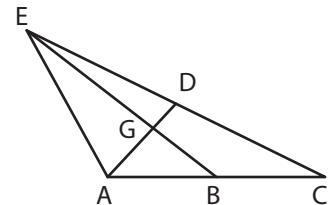
$OG = 8 ; CG = 3 ; AG = 5$

- 4) The triangle XYZ whose medians \overline{XF} , \overline{YD} and \overline{EZ} . If $DY = 15$, $ZG = 8.8$ and $FG = 3.1$, find EG , XF and YG .



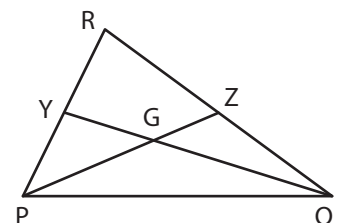
$EG = 4.4 ; XF = 9.3 ; YG = 10$

- 5) \overline{AD} and \overline{EB} are the medians of the triangle ACE. If $EG = (11 - x)$ and $BE = 9$, find the value of x and BG .



$x = 5 ; BG = 3$

- 6) \overline{PZ} and \overline{QY} are the medians of the triangle PQR. If $QG = (x - 5)$ and $QY = (x - 2)$, find the value of x .



$x = 11$