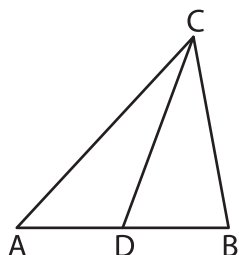


Name : _____

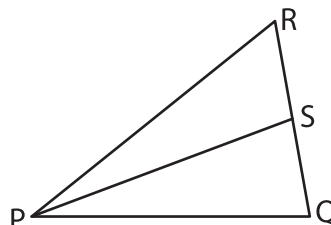
Median of a Triangle

Sheet 1

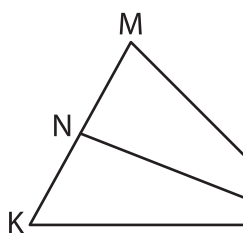
- 1) $A(-1, -2)$ and $B(13, -4)$ are the vertices of $\triangle ABC$ and \overline{CD} is a median. Find the coordinates of D .



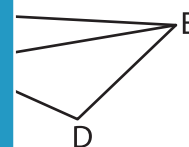
- 2) $Q(-5, 6)$ and $R(8, 12)$ are the vertices of $\triangle PQR$. If \overline{PS} is a median, determine the coordinates of S .



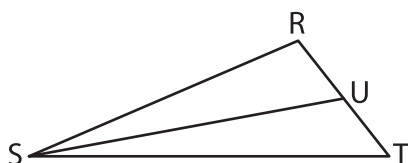
- 3) $K(3, -7)$ and $M(11, -7)$ are the vertices of $\triangle KLM$. If \overline{LN} is a median, find the coordinates of N and KM .



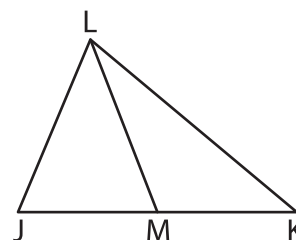
- 4) $D(2, 3)$ and $E(8, 3)$ are the vertices of $\triangle CDE$. Find CD and CE .



- 5) $T(-6, 3)$ and $R(8, -9)$ are the vertices of $\triangle RST$. If $U(1, -3)$ lies on the line segment RT , check whether \overline{SU} is a median of $\triangle RST$.



- 6) $J(1, 1)$ and $K(5, 1)$ are the vertices of $\triangle JKL$. If $M(3, 1)$ is the midpoint of the segment JK , check whether \overline{LM} is a median of $\triangle JKL$.



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