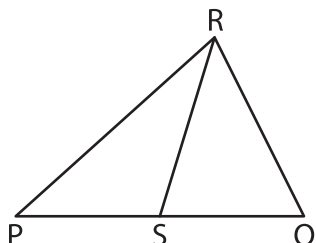


Name : _____

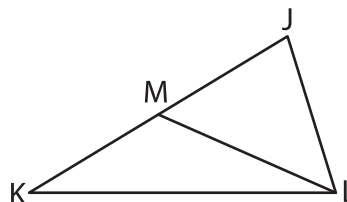
Median of a Triangle

Sheet 3

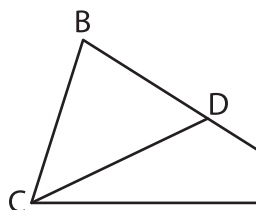
- 1) $P(9, -6)$ and $Q(-5, 14)$ are the vertices of $\triangle PQR$ and \overline{RS} is a median. Find the coordinates of S .



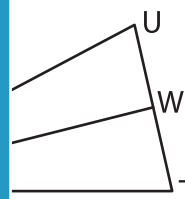
- 2) $J(-15, 9)$ and $K(-3, -4)$ are the vertices of $\triangle JKL$. If \overline{LM} is a median, find the coordinates of M .



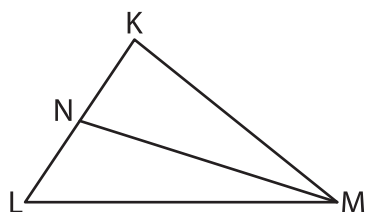
- 3) $A(-4, -1)$ and $B(-2, -3)$ are the vertices of $\triangle ABC$. If \overline{CD} is a median, find the coordinates of D and AD .



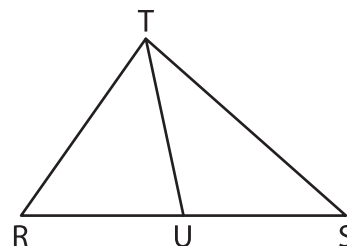
- 4) $T(1, 2)$ and $U(3, 4)$ are the vertices of $\triangle TUV$ and \overline{WV} is a median. Determine TW and TU .



- 5) $K(-14, 3)$ and $L(-2, 11)$ are the vertices of $\triangle KLM$. If $N(-8, 7)$ lies on the line segment \overline{KL} , determine whether \overline{MN} is a median of $\triangle KLM$.



- 6) $R(1, 2)$ and $S(3, 4)$ are the vertices of $\triangle RST$. $U(2, 6)$ is a point on the line segment \overline{RS} . Check whether \overline{TU} is a median of $\triangle RST$.



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