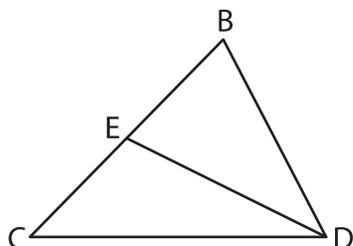


Name : \_\_\_\_\_

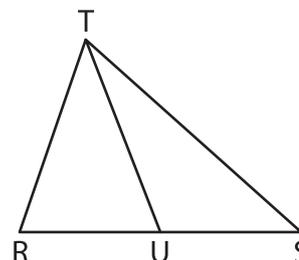
## Median of a Triangle

Sheet 2

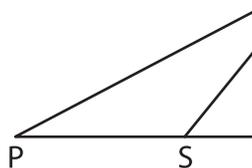
- 1)  $B(0, -8)$  and  $C(9, 12)$  are the vertices of  $\triangle BCD$ . If  $\overline{DE}$  is a median, determine the coordinates of E.



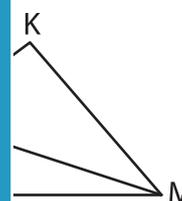
- 2)  $R(7, 7)$  and  $S(-11, -9)$  are the vertices of  $\triangle RST$ . If  $\overline{TU}$  is a median, find the coordinates of U.



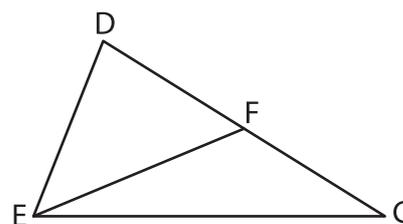
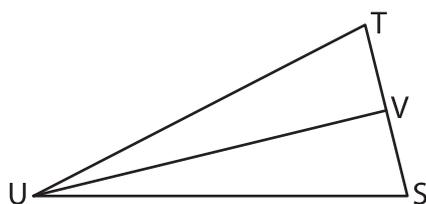
- 3)  $P(-2, 6)$  and  $Q(10, 8)$  are the vertices of  $\triangle PQR$ . If  $\overline{RS}$  is a median, find the coordinates of S.



- 4)  $K(1, 4)$  and  $M(10, 4)$  are the vertices of  $\triangle KLM$ . If  $\overline{LN}$  is a median, determine the coordinates of N.



- 5)  $S(3, 9)$  and  $T(12, 9)$  are the vertices of  $\triangle CDE$ . If  $\overline{UV}$  is a median, determine the coordinates of V. Check whether  $\overline{UV}$  is a median of  $\triangle CDE$ .



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