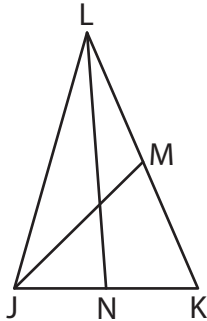
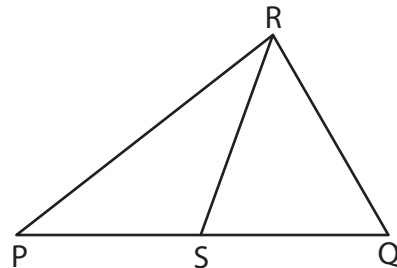


Median of a Triangle

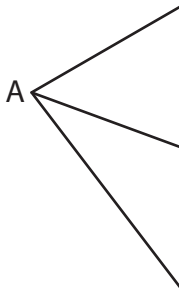
- 1) In $\triangle JKL$, \overline{JM} and \overline{LN} are medians. If $JK = 5$ feet and $LM = 3$ feet, determine JN and LK .



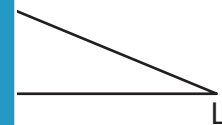
- 2) In $\triangle PQR$, \overline{RS} is a median. If $PS = 4$ yards, find SQ .



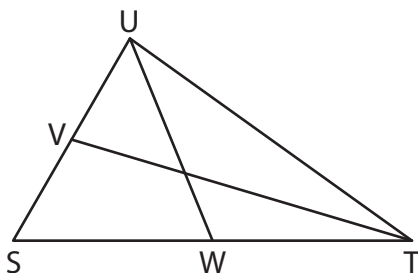
- 3) \overline{AD} is a median of $\triangle ABC$ and $CD = (9x - 17)$ inches.



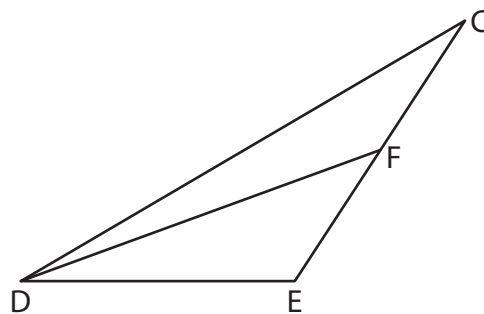
- 4) In $\triangle KLM$, if $KL = (-4x)$ feet and $LM = 12$ feet, determine the value of x .



- 5) In $\triangle STU$, \overline{TV} and \overline{UW} are medians. If \overline{US} measure $(6x + 4)$ yards and \overline{VT} measure $(-6x + 49)$ yards, determine the length of \overline{ST} .



- 6) In $\triangle CDE$, if $EF = (x - 3)$ inches and $DF = 10$ inches, determine the length of \overline{DE} .



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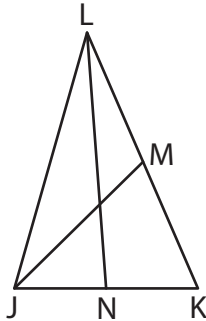
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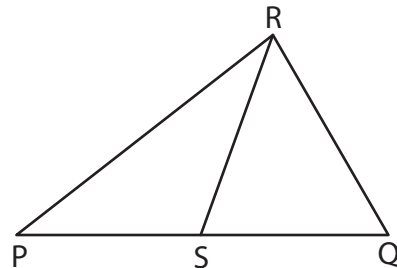
Median of a Triangle

- 1) In $\triangle JKL$, \overline{JM} and \overline{LN} are medians. If $JK = 5$ feet and $LM = 3$ feet, determine JN and LK .



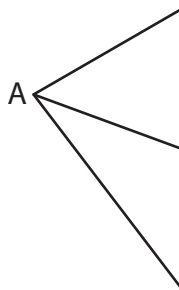
$JN = 2.5$ feet ; $LK = 6$ feet

- 2) In $\triangle PQR$, \overline{RS} is a median. If $PS = 4$ yards, find SQ .



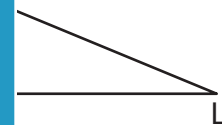
$SQ = 4$ yards

- 3) \overline{AD} is a median of $\triangle ABC$ and $CD = (9x - 17)$ inches.



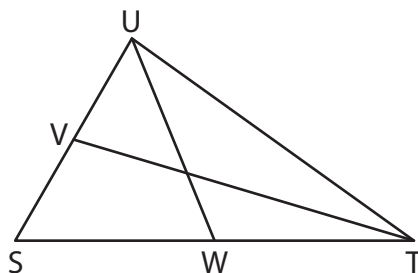
$x = 6$

- 4) In $\triangle KLM$, if $KL = (-4x)$ feet and $LM = 2x + 10$ feet, determine the value of x .



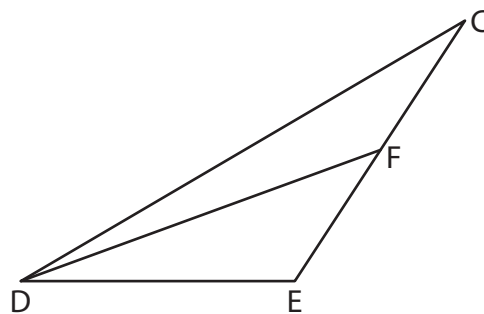
$x = -9$

- 5) In $\triangle STU$, \overline{TV} and \overline{UW} are medians. \overline{US} measure $(6x + 4)$ yards and \overline{VT} measure $(-6x + 49)$ yards.



$x = 5$; $VS = 9.5$ yards

- 6) In $\triangle CDE$, if $EF = (x - 3)$ inches and $DF = 2x + 10$ inches, determine the length of EC .



$x = 17$; $EC = 28$ inches

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