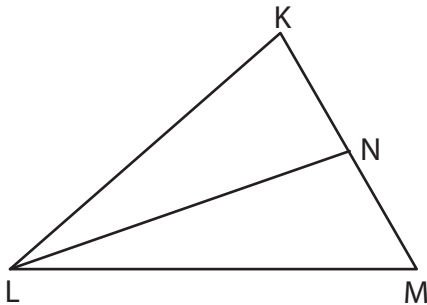
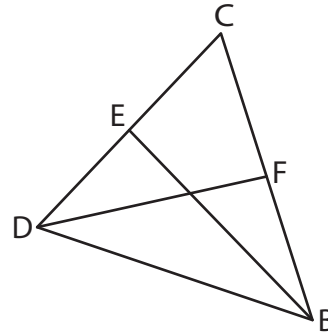


Median of a Triangle

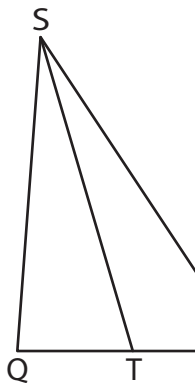
- 1) In $\triangle KLM$, \overline{LN} is a median. If $MN = 6$ yards, find KM .



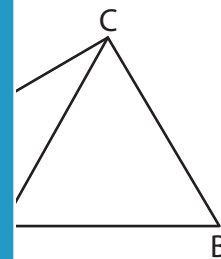
- 2) In $\triangle BCD$, \overline{BE} and \overline{DF} are medians. If $BF = 5$ inches and $CD = 9$ inches, determine BC and DE .



- 3) \overline{ST} is a median of $\triangle QRS$. $QT = (5 - 2x)$ feet, find RS .



- 4) In $\triangle ABC$, \overline{AD} is a median. If $AD = (52 - 3x)$ yards and $BD = 17$ yards, determine the value of x .



PREVIEW

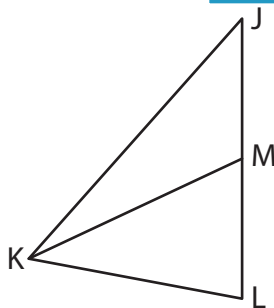
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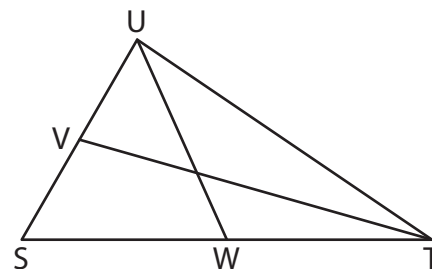
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- 5) \overline{KM} is a median of $\triangle JKL$. If $JM = (3x + 4)$ inches and $JL = (-2x + 6)$ inches, find KL .

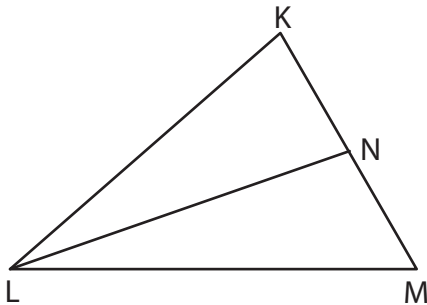


- 6) In $\triangle STU$, \overline{UV} , \overline{SW} and \overline{TW} are medians. If $UV = (6 - 2x)$ feet, $SW = (4 - x)$ feet and $ST = (10 - 2x)$ feet, determine SU .



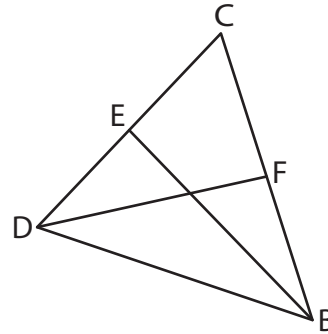
Median of a Triangle

- 1) In $\triangle KLM$, \overline{LN} is a median. If $MN = 6$ yards, find KM .



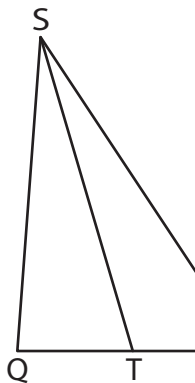
$KM = 12$ yards

- 2) In $\triangle BCD$, \overline{BE} and \overline{DF} are medians. If $BF = 5$ inches and $CD = 9$ inches, determine BC and DE .



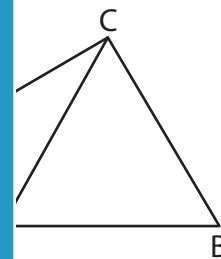
$DE = 4.5$ inches

- 3) \overline{ST} is a median of $\triangle QRS$. $QT = (5 - 2x)$ feet, find ST .



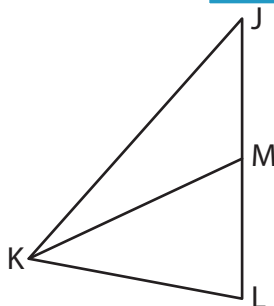
$x = -5$

- 4) In $\triangle ABC$, \overline{AD} is a median. If $AD = (52 - 3x)$ yards and $BD = 13$ yards, determine the value of AC .



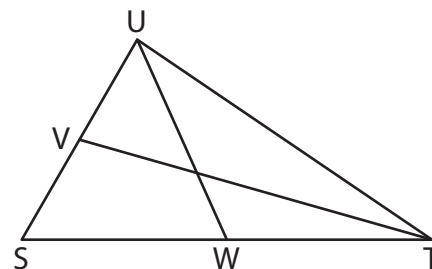
13

- 5) \overline{KM} is a median of $\triangle JKL$. $LM = (2x + 6)$ inches and $JL = (-2x + 6)$ inches, find LM .



$x = -8 ; LM = 11$ inches

- 6) In $\triangle STU$, \overline{UV} , \overline{SW} and \overline{TW} are medians. If $UV = (6 - 2x)$ feet, $SW = (6 - 2x)$ feet and $UV = 36$ feet, determine SU .



$x = -11 ; SU = 36$ feet

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