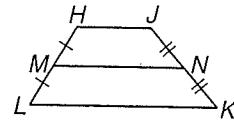


\overline{MN} is the median of trapezoid $HJKL$. Find each indicated value.



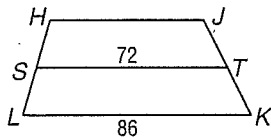
- Find MN if $HJ = 32$ and $LK = 60$.
- Find LK if $HJ = 18$ and $MN = 28$.
- Find MN if $HJ + LK = 42$.
- Find $m\angle LMN$ if $m\angle LHJ = 116$.
- Find $m\angle JKL$ if $HJKL$ is isosceles and $m\angle HLK = 62$.
- Find HJ if $MN = 5x + 6$, $HJ = 3x + 6$, and $LK = 8x$.

~~7. Find the length of the median of a trapezoid with vertices $A(-2, 2)$, $B(3, 3)$, $C(7, 0)$, and $D(-3, -2)$.~~

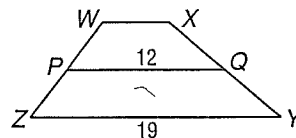
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ALGEBRA Find the missing measure(s) for the given trapezoid.

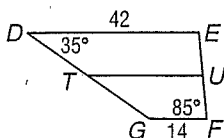
7. For trapezoid $HJKL$, S and T are midpoints of the legs. Find HJ .



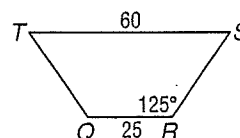
8. For trapezoid $WXYZ$, P and Q are midpoints of the legs. Find WX .



9. For trapezoid $DEFG$, T and U are midpoints of the legs. Find TU , $m\angle E$, and $m\angle G$.



10. For isosceles trapezoid $QRST$, find the length of the median, $m\angle Q$, and $m\angle S$.



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