GEOMETRY · HOMEWORK

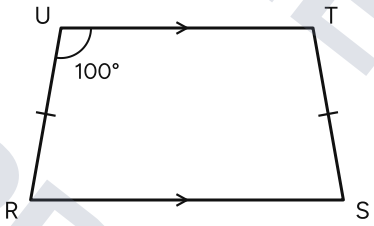
Explore Parts of an Isosceles Trapezoid

SCORE / 25

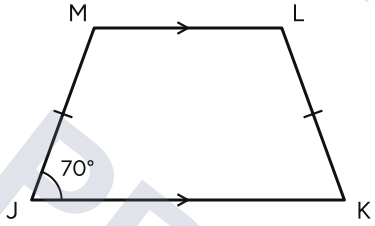
01 Part A · Practice

An isosceles trapezoid has congruent legs, congruent base angles (each pair), and congruent diagonals.

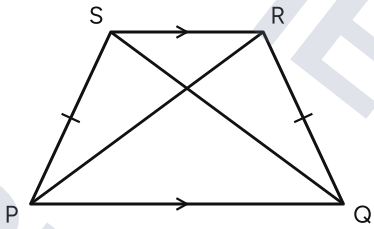
1 ●○○ In isosceles trapezoid $RSTU$ with bases $\overline{RS}$ and $\overline{UT}$, $m\angle U = 100°$. Find $m\angle T$ and $m\angle R$.



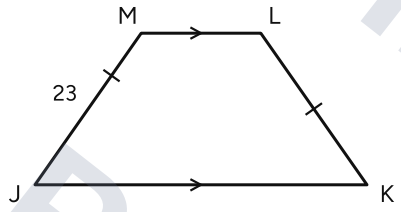
2 ●○○ In isosceles trapezoid $JKLM$ with bases $\overline{JK}$ and $\overline{ML}$, $m\angle J = 70°$. Find $m\angle K$.



3 ●○○ In isosceles trapezoid $PQRS$ with bases $\overline{PQ}$ and $\overline{SR}$, diagonal $PR = 11$. Find QS.



4 ●○○ In isosceles trapezoid $JKLM$ with bases $\overline{JK}$ and $\overline{ML}$, $JM = 23$. Find KL.



PREVIEW

Preview - the full worksheet and its answer key are at primeworksheet.com