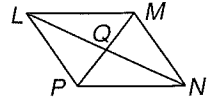


6-2 Practice

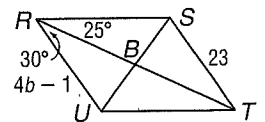
Parallelograms

Complete each statement about $\square LMNP$. Justify your answer.



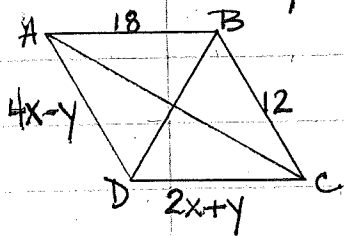
- $\overline{LQ} \cong$?
- $\angle LMN \cong$?
- $\triangle LMP \cong$?
- $\angle NPL$ is supplementary to ?
- $\overline{LM} \cong$?

ALGEBRA Use $\square RSTU$ to find each measure or value.

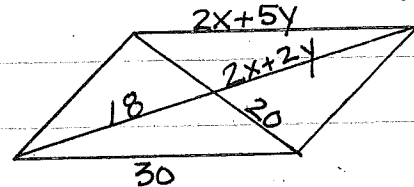


- $m\angle RST =$ _____
- $m\angle STU =$ _____
- $m\angle TUR =$ _____
- $b =$ _____

10. Solve for x and y . $ABCD$ is a \square .

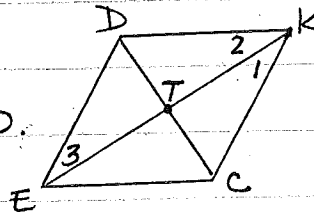


11. Solve for x and y in $\square GHJ$



12. Solve for x if $m\angle 1 = 3x$,
 $m\angle 2 = 4x$, and $m\angle 3 = x^2 - 70$.

$DECK$ is a \square .



13. **CONSTRUCTION** Mr. Rodriguez used the parallelogram at the right to design a herringbone pattern for a paving stone. He will use the paving stone for a sidewalk. If $m\angle 1$ is 130, find $m\angle 2$, $m\angle 3$, and $m\angle 4$.

