

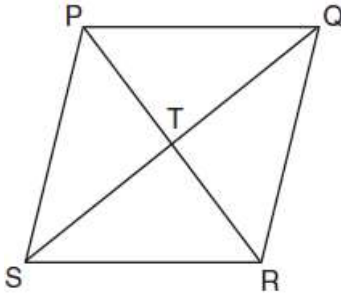
Name _____
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Geometry



Perimeter of a Rhombus

1. In the diagram of rhombus $PQRS$ below, the diagonals \overline{PR} and \overline{QS} intersect at point T , $PR = 16$, and $QS = 30$. Determine and state the perimeter of $PQRS$.



2. A rhombus has diagonals that measure 6 and 8. Find the perimeter of the rhombus.
3. A rhombus has diagonals that measure 10 and 24. Find the perimeter of the rhombus.

4. In parallelogram $LYSA$, $\overline{LY} \cong \overline{YS}$. If $\overline{LS} = 14$ and $\overline{YA} = 48$, find the perimeter of $LYSA$.

5. In parallelogram $MILO$, \overline{ML} bisects $\angle IMO$. If $\overline{ML} = 20$ and $\overline{IO} = 48$, find the perimeter of $MILO$.

6. In parallelogram $ABCD$ with $\overline{AC} \perp \overline{BD}$, $AC = 12$ and $BD = 16$. What is the perimeter of $ABCD$?