

7.2**Notetaking with Vocabulary**

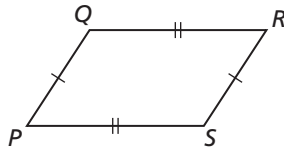
For use after Lesson 7.2

In your own words, write the meaning of each vocabulary term.

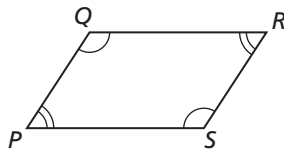
parallelogram

Theorems**Theorem 7.3 Parallelogram Opposite Sides Theorem**

If a quadrilateral is a parallelogram, then its opposite sides are congruent.

If $PQRS$ is a parallelogram, then $\overline{PQ} \cong \overline{RS}$
and $\overline{QR} \cong \overline{SP}$.**Notes:****Theorem 7.4 Parallelogram Opposite Angles Theorem**

If a quadrilateral is a parallelogram, then its opposite angles are congruent.

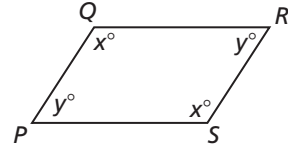
If $PQRS$ is a parallelogram, then $\angle P \cong \angle R$
and $\angle Q \cong \angle S$.**Notes:**

7.2 Notetaking with Vocabulary (continued)

Theorem 7.5 Parallelogram Consecutive Angles Theorem

If a quadrilateral is a parallelogram, then its consecutive angles are supplementary.

If $PQRS$ is a parallelogram, then $x^\circ + y^\circ = 180^\circ$.

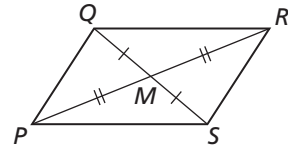


Notes:

Theorem 7.6 Parallelogram Diagonals Theorem

If a quadrilateral is a parallelogram, then its diagonals bisect each other.

If $PQRS$ is a parallelogram, then $\overline{QM} \cong \overline{SM}$ and $\overline{PM} \cong \overline{RM}$.



Notes: