Objective: In this lesson, you will prove theorems about parallelograms.

Parallelograms -

**Congruent Parts of Parallelograms**

- If a quadrilateral is a parallelogram, ____________
  ________________________________

- If a quadrilateral is a parallelogram, ____________
  ________________________________

**Diagonals of Parallelograms**

- If a quadrilateral is a parallelogram, ________________
  ________________________________

- If the diagonals of a quadrilateral bisect each other, _____
  ________________________________

**Rectangles**

Rectangle -

If a quadrilateral is a rectangle, then its ________________________________
Summary

In this lesson, you proved some basic theorems about parallelograms and rectangles.

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