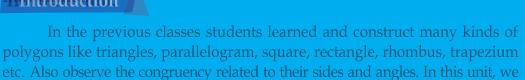




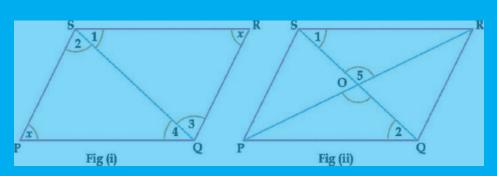
will discuss and understand the theorems related to parallelograms and Triangles.

In Introduction





Theorem 10.1.1



Given:

^m PQRS

To Prove:

- 1. $\overline{PQ} \cong \overline{RS}$; $\overline{PS} \cong \overline{QR}$
- 2. $\angle P \cong \angle R$; $\angle S \cong \angle Q$
- 3. Diagonals \overline{PR} and \overline{SQ} bisect each other at point O. [fig (ii)]

Construction:

In figure (i) join points S and Q.

