

VIII - Mathematics Assignment No-02 - Practical Geometry.

Construct the following construction.

Also write the steps of construction.

- Q1. Construct a quadrilateral PQRS such that $PQ = 4.5\text{cm}$, $\angle P = 70^\circ$, $\angle Q = 100^\circ$, $\angle R = 80^\circ$ and $\angle S = 110^\circ$.
- Q2. Construct a quadrilateral ABCD such that $AB = 4\text{cm}$, $BC = 5\text{cm}$, $CD = 4.5\text{cm}$, $\angle B = 60^\circ$ and $\angle C = 90^\circ$.
- Q3. Construct a rectangle ABCD with adjacent sides are of length 5cm and 4cm .
- Q4. Construct a kite PQRS such that $QS = 8\text{cm}$, $PS = 5\text{cm}$ and $RS = 6\text{cm}$.
- Q5. Construct a rhombus ABCD such that the length of two diagonals are 6cm and 8cm respectively.