

CLASS VIII

MATHS WORKSHEET

PRACTICAL GEOMETRY

- Q1.** Construct a rhombus whose diagonals are 4.8 cm and 6.3 cm.
- Q2.** Construct a parallelogram whose adjacent sides are 2.8 cm and 3.8 cm.
- Q3.** Construct a rectangle whose sides are 4.5 cm and 2.3 cm.
- Q4.** Construct a quadrilateral ABCD, where $AB = 4.3$ cm, $BC = 5.2$ cm, $CD = 6.5$ cm, $\angle B = 105^\circ$ and $\angle C = 60^\circ$.
- Q5.** Construct a quadrilateral PQRS where $PQ = 5.4$ cm, $QR = 4.8$ cm, $\angle P = 60^\circ$, $\angle Q = 105^\circ$, $\angle R = 75^\circ$ and $\angle S = 120^\circ$.
- Q6.** Construct a quadrilateral ABCD in which $AB = 3.5$ cm, $BC = 2.5$ cm, $CD = 4$ cm, $\angle B = 75^\circ$ and $\angle C = 120^\circ$.
- Q7.** Is it possible to construct a quadrilateral PQRS in which $PQ = 3$ cm, $QR = 4$ cm, $RS = 5.5$ cm, $SP = 6$ cm and $PR = 9$ cm? If not, give reason.
- Q8.** Construct a square with sides 6.4 cm.