

Worksheet

- Construct a quadrilateral ABCD where
 - $AB = 4$ cm, $BC = 5.2$ cm, $CD = 3.4$ cm, $DA = 4.5$ cm and $AC = 6$ cm
 - $AB = 3.5$ cm, $BC = 2.9$ cm, $AD = 4.4$ cm, $AC = 6.2$ cm and $BD = 6$ cm
 - $AB = 4$ cm, $AD = 3$ cm, $BD = 5$ cm, $BC = 3.9$ cm and $AC = 4.9$ cm
 - $AB = 5$ cm, $BC = 4$ cm, $AD = 3.5$ cm, $\angle A = 120^\circ$ and $\angle B = 60^\circ$
 - $AB = 5.8$ cm, $AC = 4$ cm, $\angle A = 60^\circ$, $\angle B = 90^\circ$ and $\angle D = 120^\circ$
 - $AB = 5$ cm, $BC = 4$ cm, $\angle A = 75^\circ$, $\angle B = 105^\circ$ and $\angle C = 100^\circ$
 - $AB = 6$ cm, $BC = 5.3$ cm, $\angle B = 45^\circ$, $AD = 3.5$ cm and $CD = 2.9$ cm
 - $AB = 4$ cm, $BC = 3$ cm, $AD = 2.5$ cm, $CD = 4$ cm and $\angle A = 60^\circ$
- Construct a rectangle where
 - $AB = 6$ cm and $BC = 4$ cm
 - $AB = 4$ cm and $BD = 5$ cm
- Construct a square ABCD such that $AB = 5.5$ cm.
- Construct a square ABCD whose diagonal measures 6 cm.
- Construct a parallelogram PQRS in which
 - $PQ = 5$ cm, $QR = 3.8$ cm and $\angle P = 45^\circ$
 - $PQ = 5.4$ cm, $PS = 4$ cm and $QS = 6$ cm
 - $PQ = 5.4$ cm, $PR = 6.3$ cm, $QS = 3.2$ cm and $PS = 5.2$ cm
 - $PR = 6$ cm, $QS = 5$ cm and $\angle POS = 60^\circ$, where O is the point of intersection of PR and QS.
- Construct a rhombus ABCD where
 - $AB = 4$ cm and $AC = 6$ cm
 - $AC = 8$ cm and $BD = 6$ cm
 - $AB = 6$ cm and $\angle A = 45^\circ$
- Construct a quadrilateral ABCD in which $AB = 4$ cm, $BC = 3$ cm, $\angle B = 90^\circ$ and $AD = AC = CD$.
- Draw a square whose diagonal measures 8 cm.
- Construct a trapezium ABCD where $AB \parallel DC$, $AD = 6.4$ cm, $AB = BC = 5$ cm and $\angle D = 60^\circ$.
- Construct a rectangle ABCD in which $AB = 6$ cm and $\angle CAB = 30^\circ$.