

Chapter 4

Q1. Construct a quadrilateral ABCD in which AB=4.4 cm, BC=4 cm, CD=6.4 cm, DA=2.8 cm and BD=6.6 cm.

Q2. Construct a parallelogram ABCD where AB=3.6 cm, BC=4.2 cm and AC=6.5 cm.

Q3. Construct a rhombus with side 4.5 cm and one diagonal 6 cm.

Q4. Construct a quadrilateral ABCD in which AB= 5.5 cm, AD= 4.4 cm, CD=6.5 cm, AC=6.5 cm and BD=7.1 cm.

Q5. Construct a quadrilateral in which AB= 5.4 cm, BC= 2.5 cm, CD=4 cm, AC=6.5 cm and BD=5 cm.

Q6. Construct a quadrilateral ABCD in which AB= 2.7 cm, BC= 3.5 cm, CD=4 cm, AD=6 cm and $\angle B=90^\circ$

Q7. Construct a quadrilateral ABCD given AB= 5.6 cm, BC= 4.1 cm, CD=4.4 cm, AD=3.3 cm and $\angle A=75^\circ$.

Q8. Construct a quadrilateral ABCD in which AB= 3.6 cm, BC= 5.5 cm, CD=5 cm, $\angle B=125^\circ$ and $\angle C=80^\circ$.

Q9. Construct a quadrilateral ABCD given AB= 5.1 cm, AD= 4 cm, BC=2.5 cm, $\angle A=60^\circ$ and $\angle B=85^\circ$.

Q10. Construct a quadrilateral ABCD where AB= 3.5 cm, BC= 6.5 cm, $\angle A=75^\circ$, $\angle B=105^\circ$ and $\angle C=120^\circ$.

Q11. Construct a quadrilateral ABCD given AB= 5.3 cm, AD= 2.9 cm, $\angle A=70^\circ$, $\angle B=95^\circ$ and $\angle C=85^\circ$.