

1. Construct a quadrilateral PQRS where $PQ = 4$ cm, $QR = 6$ cm, $RS = 5$ cm, $PS = 5.5$ cm and $PR = 7$ cm.
2. Construct the Quadrilateral ABCD where $AB = 4.5$ cm, $BC = 5.5$ cm, $CD = 4$ cm, $AD = 6$ cm and $AC = 7$ cm.
3. Construct Quadrilateral JUMP where $JU = 3.5$ cm, $UM = 4$ cm, $MP = 5$ cm, $PJ = 4.5$ cm and $PU = 6.5$ cm
4. Construct Parallelogram MORE where $OR = 6$ cm, $RE = 4.5$ cm and $EO = 7.5$ cm
5. Construct Rhombus BEST where $BE = 4.5$ cm and $ET = 6$ cm
6. Construct a quadrilateral ABCD, given that $BC = 4.5$ cm, $AD = 5.5$ cm, $CD = 5$ cm the diagonal $AC = 5.5$ cm and diagonal $BD = 7$ cm.
7. Construct quadrilateral LIFT where $LI = 4$ cm, $IF = 3$ cm, $TL = 2.5$ cm, $LF = 4.5$ cm and $IT = 4$ cm
8. Construct Rhombus BEND where $BN = 5.6$ cm and $DE = 6.5$ cm
9. Construct a quadrilateral MIST where $MI = 3.5$ cm, $IS = 6.5$ cm, $\angle M = 75^\circ$, $\angle I = 105^\circ$ and $\angle S = 120^\circ$.
10. Construct Quadrilateral PLAN where $PL = 4$ cm, $LA = 6.5$ cm, $\angle P = 90^\circ$, $\angle A = 110^\circ$ and $\angle N = 85^\circ$
11. Construct Parallelogram HEAR where $HE = 5$ cm, $EA = 6$ cm and $\angle R = 85^\circ$
12. Construct a quadrilateral ABCD, where $AB = 4$ cm, $BC = 5$ cm, $CD = 6.5$ cm and $\angle B = 105^\circ$ and $\angle C = 80^\circ$.
13. Draw a square of side 4.5 cm.
14. Construct the kite EASY if $AY = 8$ cm, $EY = 4$ cm and $SY = 6$ cm. Which properties of the kite did you use in the process?
15. Construct a rhombus whose diagonals are 5.2 cm and 6.4 cm long.
16. Construct a rectangle with adjacent sides of lengths 5 cm and 4 cm.
17. Construct a square READ with $RE = 5.1$ cm.
18. Construct a parallelogram OKAY where $OK = 5.5$ cm and $KA = 4.2$ cm.
19. Is it possible to construct a rhombus ABCD where $AC = 6$ cm and $BD = 7$ cm? Justify your answer.
20. Construct Quadrilateral TRUE where $TR = 3.5$ cm, $RU = 3$ cm, $UE = 4$ cm, $\angle R = 75^\circ$ and $\angle U = 120^\circ$