

Board – ICSE

Class –VIII

Topic – Construction

1. Construct a rhombus whose diagonals are 4.8 cm and 6.3 cm.
2. Construct a quadrilateral ABCD, where  $AB = 4.3$  cm,  $BC = 5.2$  cm,  $CD = 6.5$  cm,  $\angle B = 105^\circ$  and  $\angle C = 60^\circ$ .
3. Draw a rectangle whose adjacent sides are 4.5 cm and 2.3 cm.
4. Construct the following quadrilaterals:  $LI = 4$  cm,  $TL = 2.5$  cm,  $LF = 4.5$  cm  $IT = 4$  cm  $IF = 3$ cm.
5. Draw the following: The square READ with  $RE = 5.0$  cm.
6. Draw the following: A rectangle with adjacent sides of lengths 5 cm and 4 cm.
7. Construct an angle of  $75^\circ$
8. Construct of perpendicular bisector of length 8cm.
9. Construct a parallelogram ABCD, if  $AB=3.6$ cm,  $BC=4.5$ cm and  $\angle ABC = 120^\circ$ .
10. Construct a line parallel to a given line at a given distance from it.