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VIII - Mathematics Assignment - ch-4 - Practical Geometry

Basic Points :-

In earlier classes you have learnt how to construct triangles when the suitable measurements are given. To draw a unique triangle we require at least three measurements in terms of its sides and angles.

Now in this class, we shall learn the construction of quadrilateral, For this how many measurements would be sufficient so that a four sided figure can be drawn.

To construct a quadrilateral uniquely we need at - 5 measurements. in terms of sides and angles, namely,

(a) lengths of its 4 sides and one diagonal.
(b) lengths of its 3 sides and two diagonals.
(c) Two adjacent sides and three angles.
(d) lengths of its 3 sides and two included angles.

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