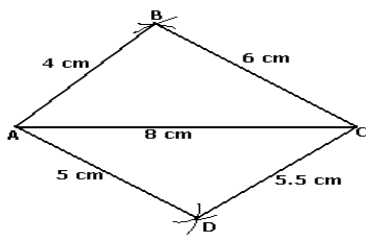


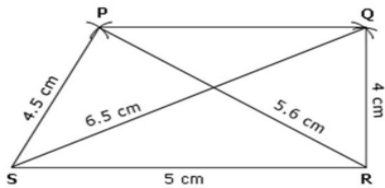
## Chapter - 4

### Practical Geometry

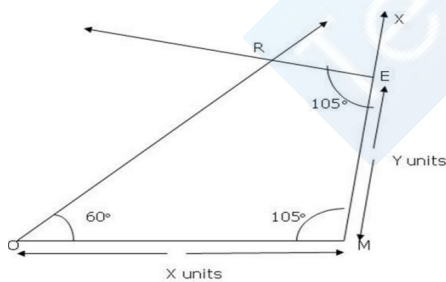
- A quadrilateral has 10 parts - 4 sides, 4 angles and 2 diagonals. Five measurements can determine a quadrilateral uniquely.
- Five measurements can determine a quadrilateral uniquely.
- A quadrilateral can be constructed uniquely if the lengths of its four sides and a diagonal is given.



- A quadrilateral can be constructed uniquely if its two diagonals and three sides are known.



- A quadrilateral can be constructed uniquely if its two adjacent sides and three angles are known.



- A quadrilateral can be constructed uniquely if its three sides and two included angles are given.

