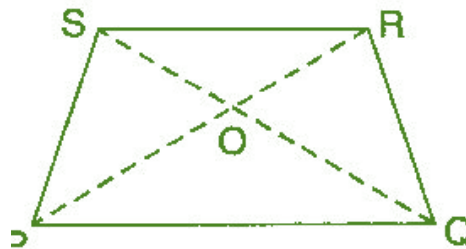


Exercise 4.5

Question 1:

Draw a rough sketch of a quadrilateral PQRS. Draw its diagonals. Name them. Is the meeting point of the diagonals in the interior or exterior of the quadrilateral?

 **Answer 1:**



Diagonal PR and diagonal SQ meet at O, which is inside the quadrilateral.

Question 2:

Draw a rough sketch of a quadrilateral KLMN. State:

- (a) Two pairs of opposite sides.
- (b) Two pairs of opposite angles.
- (c) Two pairs of adjacent sides.
- (d) Two pairs of adjacent angles.

 **Answer 2:**

- (a) Pair of opposite sides : KL and MN, KN and LM
- (b) Pair of opposite angles : $\angle K$ and $\angle M$, $\angle L$ and $\angle N$
- (c) Pair of adjacent sides : KN and NM, KL and LM
- (d) Pair of adjacent angles : $\angle K$ and $\angle N$, $\angle L$ and $\angle M$

