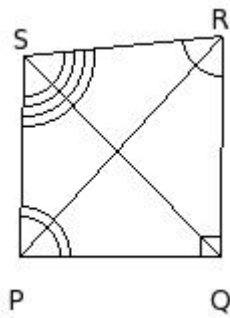


EduSahara™ Learning Center Assignment**Grade : Class VI, SSC****Chapter : Basic Geometrical Ideas****Name : Quadrilaterals****Licensed To : Teachers and Students for non-commercial use**

1. The sides of the quadrilateral are



(i) $\overline{PQ}, \overline{QR}, \overline{RS}, \overline{SP}$

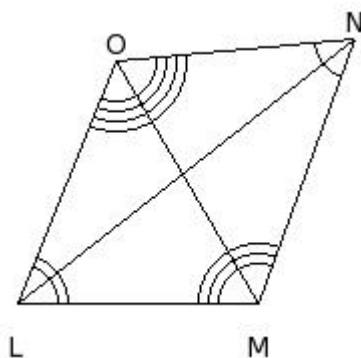
(ii) $\overline{PQ}, \overline{QR}, \overline{RT}, \overline{TP}$

(iii) $\overline{PR}, \overline{RQ}, \overline{QS}, \overline{SP}$

(iv) $\overline{PR}, \overline{RS}, \overline{SQ}, \overline{QP}$

(v) $\overline{PQ}, \overline{QS}, \overline{ST}, \overline{TP}$

2. The name of the quadrilateral is

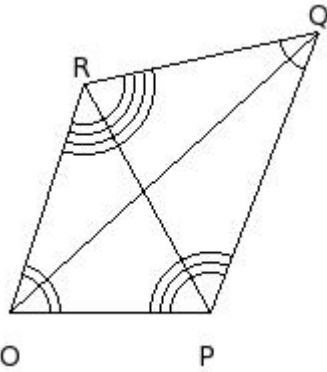


(i) LNMO

(ii) LMOP

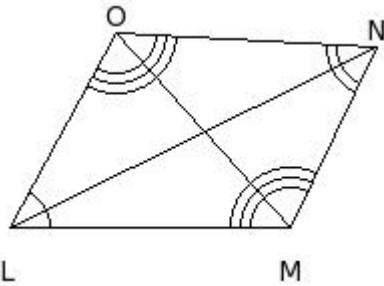
- (iii) LNOM
- (iv) LMNO
- (v) LMNP

3. The angles of the quadrilateral are



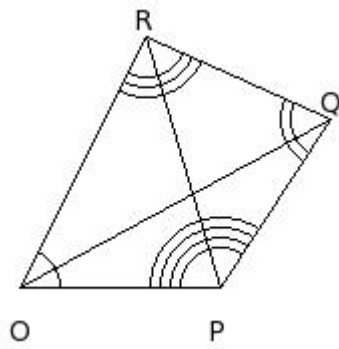
- (i) $\angle O, \angle P, \angle Q, \angle S$
- (ii) $\angle O, \angle P, \angle R, \angle S$
- (iii) $\angle O, \angle P, \angle Q, \angle T$
- (iv) $\angle O, \angle P, \angle R, \angle T$
- (v) $\angle O, \angle P, \angle Q, \angle R$

4. The vertices of the quadrilateral are



- (i) L, M, N, Q
- (ii) L, M, O, Q
- (iii) L, M, O, P
- (iv) L, M, N, P
- (v) L, M, N, O

5. The diagonals of the quadrilateral are



(i) $\overline{PS}, \overline{OQ}$

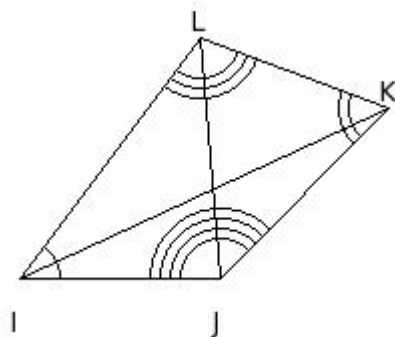
(ii) $\overline{PS}, \overline{OR}$

(iii) $\overline{QR}, \overline{OP}$

(iv) $\overline{PR}, \overline{OQ}$

(v) $\overline{QP}, \overline{OR}$

6. The adjacent sides of the quadrilateral are



(i) $\overline{IK} \ \& \ \overline{KJ}, \overline{KJ} \ \& \ \overline{JL}, \overline{JL} \ \& \ \overline{LI}, \overline{LI} \ \& \ \overline{IK}$

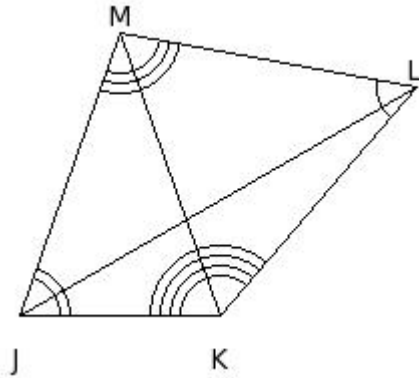
(ii) $\overline{IJ} \ \& \ \overline{JL}, \overline{JL} \ \& \ \overline{LM}, \overline{LM} \ \& \ \overline{MI}, \overline{MI} \ \& \ \overline{IJ}$

(iii) $\overline{IJ} \ \& \ \overline{JK}, \overline{JK} \ \& \ \overline{KL}, \overline{KL} \ \& \ \overline{LI}, \overline{LI} \ \& \ \overline{IJ}$

(iv) $\overline{IK} \ \& \ \overline{KL}, \overline{KL} \ \& \ \overline{LJ}, \overline{LJ} \ \& \ \overline{JI}, \overline{JI} \ \& \ \overline{IK}$

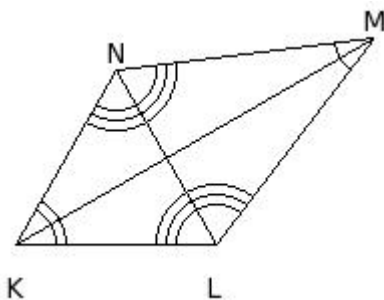
- (v) $\overline{IJ}$ & $\overline{JK}$, $\overline{JK}$ & $\overline{KM}$, $\overline{KM}$ & $\overline{MI}$, $\overline{MI}$ & $\overline{IJ}$
-

7. The opposite sides of the quadrilateral are



- (i) $\overline{JL}$ & $\overline{MK}$, $\overline{LM}$ & $\overline{KJ}$
- (ii) $\overline{JK}$ & $\overline{LN}$, $\overline{KL}$ & $\overline{NJ}$
- (iii) $\overline{JL}$ & $\overline{KM}$, $\overline{LK}$ & $\overline{MJ}$
- (iv) $\overline{JK}$ & $\overline{LM}$, $\overline{KL}$ & $\overline{MJ}$
- (v) $\overline{JK}$ & $\overline{MN}$, $\overline{KM}$ & $\overline{NJ}$
-

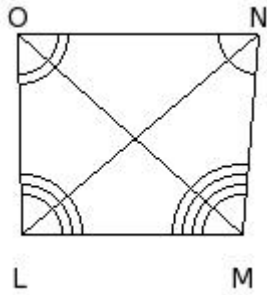
8. The adjacent angles of the quadrilateral are



- (i) $\angle K$ & $\angle L$, $\angle L$ & $\angle N$, $\angle N$ & $\angle O$, $\angle O$ & $\angle K$
- (ii) $\angle K$ & $\angle L$, $\angle L$ & $\angle M$, $\angle M$ & $\angle N$, $\angle N$ & $\angle K$
- (iii) $\angle K$ & $\angle L$, $\angle L$ & $\angle M$, $\angle M$ & $\angle O$, $\angle O$ & $\angle K$
- (iv) $\angle K$ & $\angle M$, $\angle M$ & $\angle L$, $\angle L$ & $\angle N$, $\angle N$ & $\angle K$

(v) $\angle K$ & $\angle M$, $\angle M$ & $\angle N$, $\angle N$ & $\angle L$, $\angle L$ & $\angle K$

9. The opposite angles of the quadrilateral are



(i) $\angle L$ & $\angle M$, $\angle N$ & $\angle O$

(ii) $\angle L$ & $\angle O$, $\angle M$ & $\angle P$

(iii) $\angle L$ & $\angle N$, $\angle M$ & $\angle O$

(iv) $\angle L$ & $\angle O$, $\angle N$ & $\angle M$

(v) $\angle L$ & $\angle N$, $\angle M$ & $\angle P$

Assignment Key

- 1) (i)
- 2) (iv)
- 3) (v)
- 4) (v)
- 5) (iv)
- 6) (iii)
- 7) (iv)
- 8) (ii)
- 9) (iii)