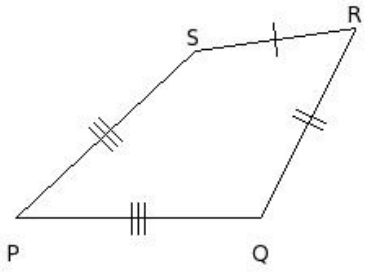
EduSahara™ Assignment

Name : Quadrilaterals

Chapter : Basic Geometrical Ideas

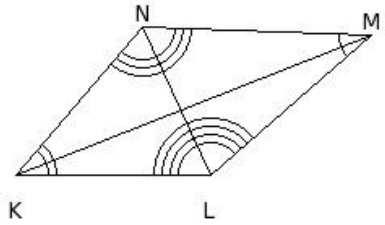
Grade : CBSE Grade VI

1. Identify the figure below



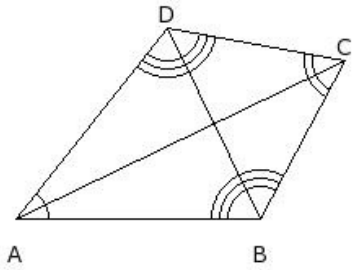
(i) quadrilateral (ii) pentagon (iii) hexagon (iv) triangle (v) heptagon

2. The sides of the quadrilateral are



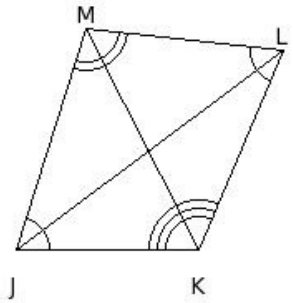
(i) $\overline{KM}, \overline{MN}, \overline{NL}, \overline{LK}$ (ii) $\overline{KL}, \overline{LM}, \overline{MO}, \overline{OK}$ (iii) $\overline{KL}, \overline{LM}, \overline{MN}, \overline{NK}$ (iv) $\overline{KL}, \overline{LN}, \overline{NO}, \overline{OK}$ (v) $\overline{KM}, \overline{ML}, \overline{LN}, \overline{NK}$

3. The name of the quadrilateral is



(i) ABDE (ii) ABCD (iii) ACDB (iv) ABCE (v) ACBD

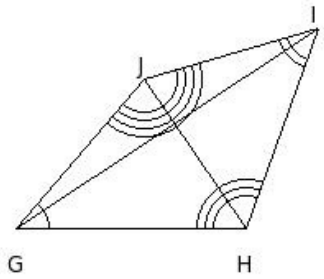
4. The angles of the quadrilateral are



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

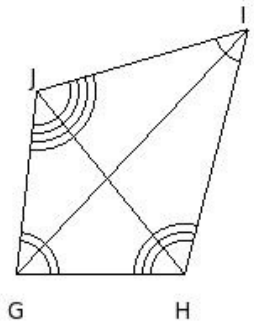
(v) $\angle J, \angle K, \angle L, \angle O$

5. The vertices of the quadrilateral are



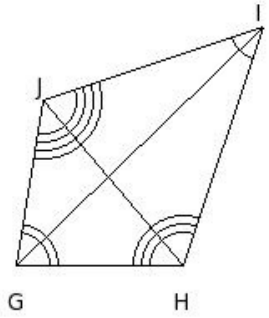
(i) G , H , J , K (ii) G , H , I , J (iii) G , H , I , K (iv) G , H , I , L (v) G , H , J , L

6. The diagonals of the quadrilateral are



(i) $\overline{HK}$, $\overline{GI}$ (ii) $\overline{IH}$, $\overline{GJ}$ (iii) $\overline{HK}$, $\overline{GJ}$ (iv) $\overline{HJ}$, $\overline{GI}$ (v) $\overline{IJ}$, $\overline{GH}$

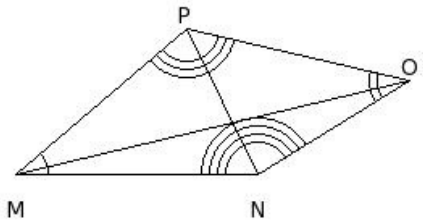
7. The adjacent sides of the quadrilateral are



(i) $\overline{GI}$ & $\overline{IJ}$, $\overline{IJ}$ & $\overline{JH}$, $\overline{JH}$ & $\overline{HG}$, $\overline{HG}$ & $\overline{GI}$ (ii) $\overline{GH}$ & $\overline{HI}$, $\overline{HI}$ & $\overline{IJ}$, $\overline{IJ}$ & $\overline{JG}$, $\overline{JG}$ & $\overline{GH}$ (iii) $\overline{GH}$ & $\overline{HI}$, $\overline{HI}$ & $\overline{IK}$, $\overline{IK}$ & $\overline{KG}$, $\overline{KG}$ & $\overline{GH}$

(iv) $\overline{GH}$ & $\overline{HJ}$, $\overline{HJ}$ & $\overline{JK}$, $\overline{JK}$ & $\overline{KG}$, $\overline{KG}$ & $\overline{GH}$ (v) $\overline{GI}$ & $\overline{IH}$, $\overline{IH}$ & $\overline{HJ}$, $\overline{HJ}$ & $\overline{JG}$, $\overline{JG}$ & $\overline{GI}$

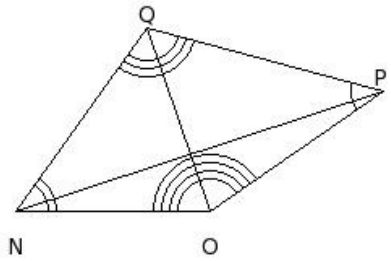
8. The opposite sides of the quadrilateral are



(i) $\overline{MN}$ & $\overline{PQ}$, $\overline{NP}$ & $\overline{QM}$ (ii) $\overline{MO}$ & $\overline{PN}$, $\overline{OP}$ & $\overline{NM}$ (iii) $\overline{MO}$ & $\overline{NP}$, $\overline{ON}$ & $\overline{PM}$ (iv) $\overline{MN}$ & $\overline{OP}$, $\overline{NO}$ & $\overline{PM}$

(v) $\overline{MN}$ & $\overline{OQ}$, $\overline{NO}$ & $\overline{QM}$

9. The adjacent angles of the quadrilateral are

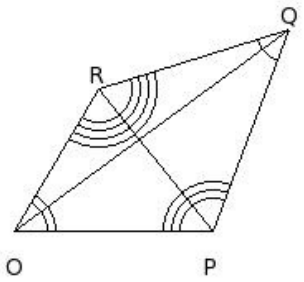


(i) ∠N & ∠P , ∠P & ∠Q , ∠Q & ∠O , ∠O & ∠N (ii) ∠N & ∠O , ∠O & ∠P , ∠P & ∠Q , ∠Q & ∠N

(iii) ∠N & ∠O , ∠O & ∠Q , ∠Q & ∠R , ∠R & ∠N (iv) ∠N & ∠O , ∠O & ∠P , ∠P & ∠R , ∠R & ∠N

(v) ∠N & ∠P , ∠P & ∠O , ∠O & ∠Q , ∠Q & ∠N

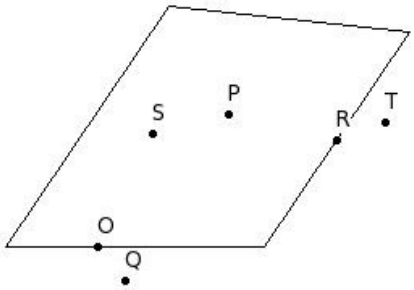
10. The opposite angles of the quadrilateral are



(i) ∠O & ∠R , ∠P & ∠S (ii) ∠O & ∠R , ∠Q & ∠P (iii) ∠O & ∠Q , ∠P & ∠S (iv) ∠O & ∠P , ∠Q & ∠R

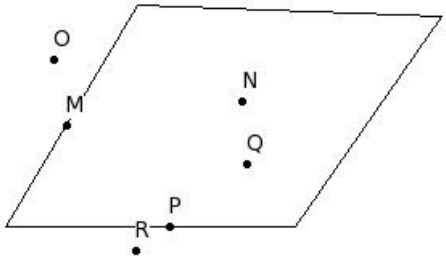
(v) ∠O & ∠Q , ∠P & ∠R

11. Identify the points that are on the quadrilateral



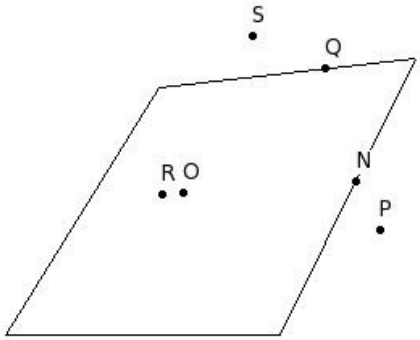
(i) {O,Q} (ii) {P,R} (iii) {Q,T} (iv) {P,S} (v) {O,R}

12. Identify the points that are inside the quadrilateral



(i) {P,N} (ii) {N,Q} (iii) {R,Q} (iv) {O,R} (v) {M,P}

13. Identify the points that are outside the quadrilateral



(i) {N,Q} (ii) {R,P} (iii) {Q,S} (iv) {O,R} (v) {P,S}

Assignment Key

1) (i)	2) (iii)	3) (ii)	4) (iv)	5) (ii)	6) (iv)
7) (ii)	8) (iv)	9) (ii)	10) (v)	11) (v)	12) (ii)
13) (v)					