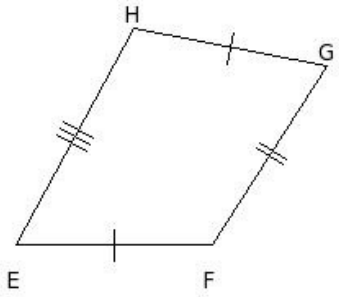
EduSahara™ Assignment

Name : Quadrilaterals

Chapter : Basic Geometrical Ideas

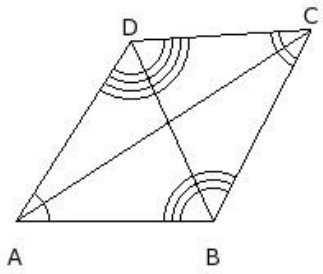
Grade : CBSE Grade VI

1. Identify the figure below



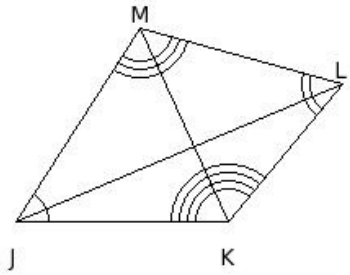
(i) nonagon (ii) angle (iii) quadrilateral (iv) decagon (v) circle

2. The sides of the quadrilateral are



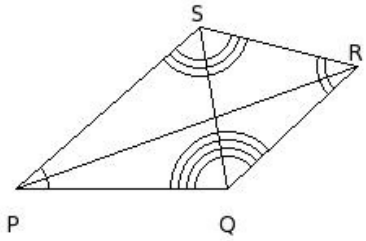
(i) $\overline{AB}, \overline{BD}, \overline{DE}, \overline{EA}$ (ii) $\overline{AC}, \overline{CB}, \overline{BD}, \overline{DA}$ (iii) $\overline{AB}, \overline{BC}, \overline{CE}, \overline{EA}$ (iv) $\overline{AB}, \overline{BC}, \overline{CD}, \overline{DA}$ (v) $\overline{AC}, \overline{CD}, \overline{DB}, \overline{BA}$

3. The name of the quadrilateral is



(i) JKMN (ii) JLMK (iii) JLKM (iv) JKLM (v) JKLN

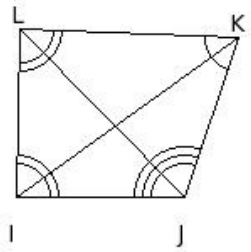
4. The angles of the quadrilateral are



(i) $\angle P, \angle Q, \angle S, \angle U$ (ii) $\angle P, \angle Q, \angle R, \angle U$ (iii) $\angle P, \angle Q, \angle R, \angle T$ (iv) $\angle P, \angle Q, \angle S, \angle T$

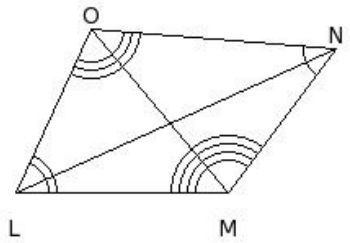
(v) $\angle P, \angle Q, \angle R, \angle S$

5. The vertices of the quadrilateral are



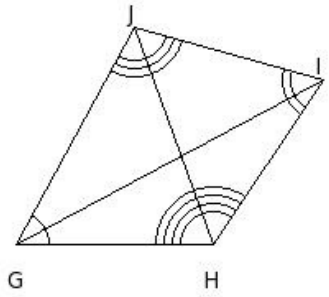
(i) I , J , L , M (ii) I , J , K , L (iii) I , J , K , N (iv) I , J , K , M (v) I , J , L , N

6. The diagonals of the quadrilateral are



(i) $\overline{MP}$, $\overline{LN}$ (ii) $\overline{NM}$, $\overline{LO}$ (iii) $\overline{NO}$, $\overline{LM}$ (iv) $\overline{MP}$, $\overline{LO}$ (v) $\overline{MO}$, $\overline{LN}$

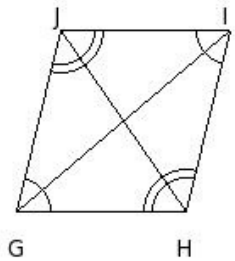
7. The adjacent sides of the quadrilateral are



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

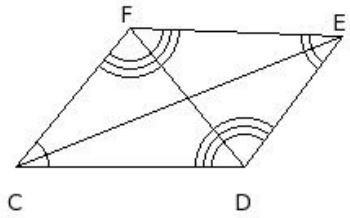
(iv) $\overline{GI}$ & $\overline{IH}$, $\overline{IH}$ & $\overline{HJ}$, $\overline{HJ}$ & $\overline{JG}$, $\overline{JG}$ & $\overline{GI}$ (v) $\overline{GH}$ & $\overline{HI}$, $\overline{HI}$ & $\overline{IK}$, $\overline{IK}$ & $\overline{KG}$, $\overline{KG}$ & $\overline{GH}$

8. The opposite sides of the quadrilateral are



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

9. The adjacent angles of the quadrilateral are

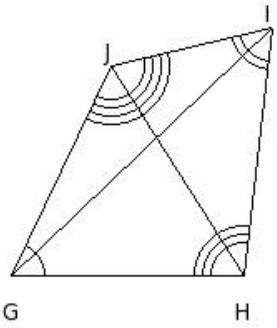


(i) ∠C & ∠E , ∠E & ∠D , ∠D & ∠F , ∠F & ∠C (ii) ∠C & ∠D , ∠D & ∠F , ∠F & ∠G , ∠G & ∠C

(iii) ∠C & ∠D , ∠D & ∠E , ∠E & ∠F , ∠F & ∠C (iv) ∠C & ∠E , ∠E & ∠F , ∠F & ∠D , ∠D & ∠C

(v) ∠C & ∠D , ∠D & ∠E , ∠E & ∠G , ∠G & ∠C

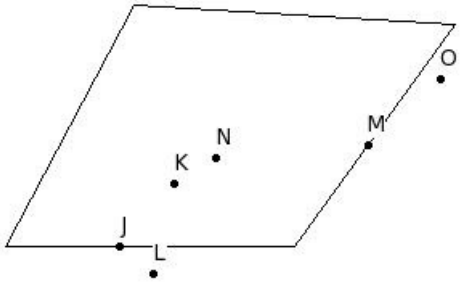
10. The opposite angles of the quadrilateral are



(i) ∠G & ∠I , ∠H & ∠K (ii) ∠G & ∠H , ∠I & ∠J (iii) ∠G & ∠I , ∠H & ∠J (iv) ∠G & ∠J , ∠H & ∠K

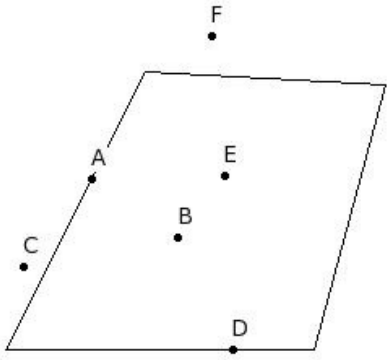
(v) ∠G & ∠J , ∠I & ∠H

11. Identify the points that are on the quadrilateral



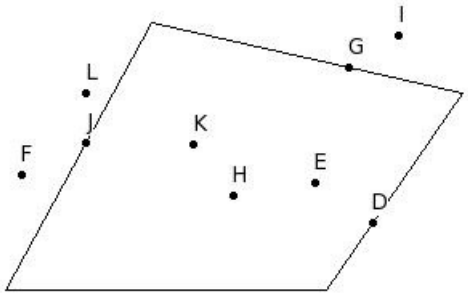
(i) {J,O} (ii) {K,N} (iii) {K,J} (iv) {J,M} (v) {L,O}

12. Identify the points that are inside the quadrilateral



(i) {B,E} (ii) {E,A} (iii) {F,B} (iv) {C,F} (v) {A,D}

13. Identify the points that are outside the quadrilateral



(i) {F,I,L} (ii) {E,H,K} (iii) {J,L,I} (iv) {L,E,I} (v) {D,G,J}

Assignment Key

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