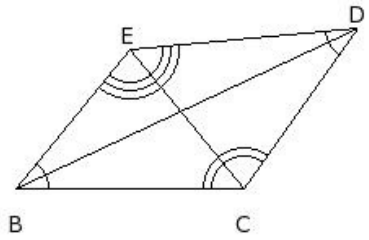
EduSahara™ Assignment

Name : Quadrilaterals

Chapter : Basic Geometrical Ideas

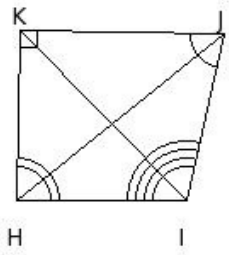
Grade : SSC Grade VI

1. The sides of the quadrilateral are



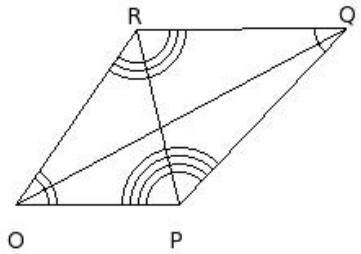
(i) $\overline{BC}, \overline{CD}, \overline{DF}, \overline{FB}$ (ii) $\overline{BC}, \overline{CD}, \overline{DE}, \overline{EB}$ (iii) $\overline{BC}, \overline{CE}, \overline{EF}, \overline{FB}$ (iv) $\overline{BD}, \overline{DC}, \overline{CE}, \overline{EB}$ (v) $\overline{BD}, \overline{DE}, \overline{EC}, \overline{CB}$

2. The name of the quadrilateral is



(i) HIJK (ii) HJKI (iii) HIJL (iv) HIKL (v) HJIK

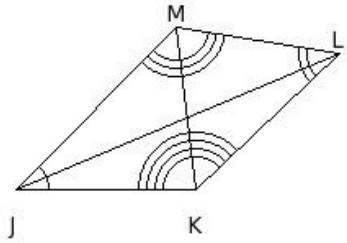
3. The angles of the quadrilateral are



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

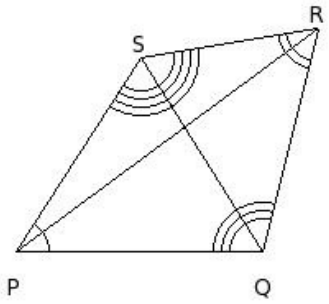
(v) $\angle O, \angle P, \angle R, \angle S$

4. The vertices of the quadrilateral are



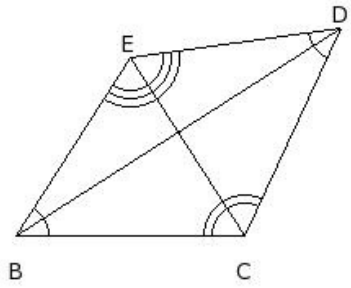
(i) J , K , L , N (ii) J , K , L , M (iii) J , K , M , N (iv) J , K , M , O (v) J , K , L , O

5. The diagonals of the quadrilateral are



(i) $\overline{RS}$, $\overline{PQ}$ (ii) $\overline{RQ}$, $\overline{PS}$ (iii) $\overline{QT}$, $\overline{PS}$ (iv) $\overline{QT}$, $\overline{PR}$ (v) $\overline{QS}$, $\overline{PR}$

6. The adjacent sides of the quadrilateral are

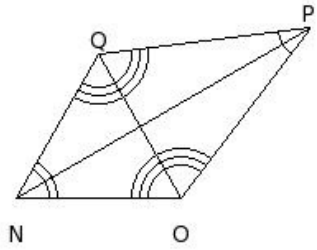


(i) $\overline{BC}$ & $\overline{CD}$, $\overline{CD}$ & $\overline{DF}$, $\overline{DF}$ & $\overline{FB}$, $\overline{FB}$ & $\overline{BC}$ (ii) $\overline{BD}$ & $\overline{DC}$, $\overline{DC}$ & $\overline{CE}$, $\overline{CE}$ & $\overline{EB}$, $\overline{EB}$ & $\overline{BD}$

(iii) $\overline{BC}$ & $\overline{CD}$, $\overline{CD}$ & $\overline{DE}$, $\overline{DE}$ & $\overline{EB}$, $\overline{EB}$ & $\overline{BC}$ (iv) $\overline{BD}$ & $\overline{DE}$, $\overline{DE}$ & $\overline{EC}$, $\overline{EC}$ & $\overline{CB}$, $\overline{CB}$ & $\overline{BD}$

(v) $\overline{BC}$ & $\overline{CE}$, $\overline{CE}$ & $\overline{EF}$, $\overline{EF}$ & $\overline{FB}$, $\overline{FB}$ & $\overline{BC}$

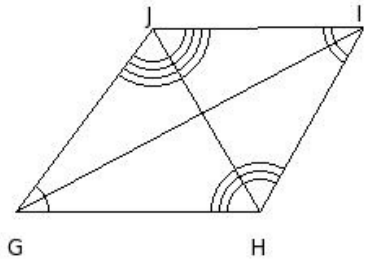
7. The opposite sides of the quadrilateral are



(i) $\overline{NO}$ & $\overline{QR}$, $\overline{OQ}$ & $\overline{RN}$ (ii) $\overline{NO}$ & $\overline{PQ}$, $\overline{OP}$ & $\overline{QN}$ (iii) $\overline{NO}$ & $\overline{PR}$, $\overline{OP}$ & $\overline{RN}$ (iv) $\overline{NP}$ & $\overline{OQ}$, $\overline{PO}$ & $\overline{QN}$

(v) $\overline{NP}$ & $\overline{QO}$, $\overline{PQ}$ & $\overline{ON}$

8. The adjacent angles of the quadrilateral are

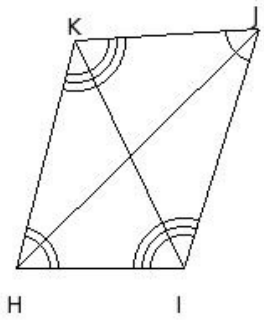


(i) ∠G & ∠H , ∠H & ∠I , ∠I & ∠K , ∠K & ∠G (ii) ∠G & ∠I , ∠I & ∠H , ∠H & ∠J , ∠J & ∠G

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

(v) ∠G & ∠I , ∠I & ∠J , ∠J & ∠H , ∠H & ∠G

9. The opposite angles of the quadrilateral are



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

(v) ∠H & ∠K , ∠J & ∠I

Assignment Key

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