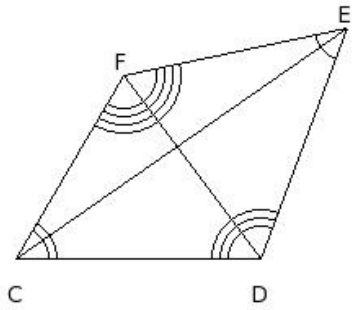
EduSahara™ Assignment

Name : Quadrilaterals

Chapter : Basic Geometrical Ideas

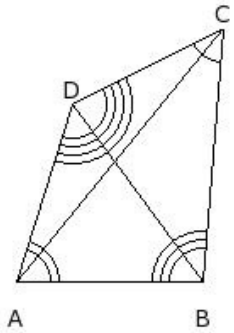
Grade : SSC Grade VI

1. The sides of the quadrilateral are



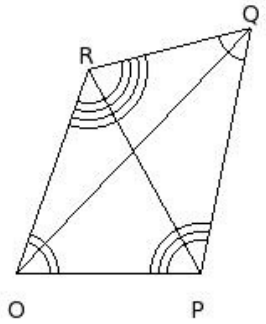
(i) $\overline{CD}, \overline{DE}, \overline{EG}, \overline{GC}$ (ii) $\overline{CD}, \overline{DF}, \overline{FG}, \overline{GC}$ (iii) $\overline{CE}, \overline{ED}, \overline{DF}, \overline{FC}$ (iv) $\overline{CD}, \overline{DE}, \overline{EF}, \overline{FC}$ (v) $\overline{CE}, \overline{EF}, \overline{FD}, \overline{DC}$

2. The name of the quadrilateral is



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

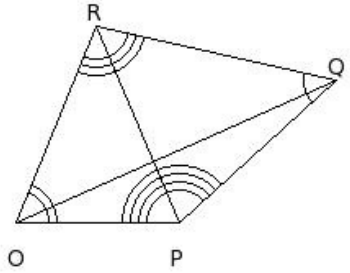
3. The angles of the quadrilateral are



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

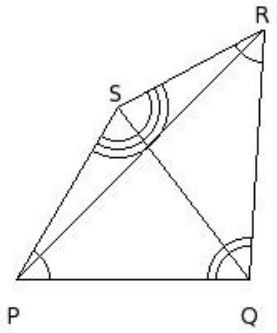
(v) $\angle O, \angle P, \angle R, \angle S$

4. The vertices of the quadrilateral are



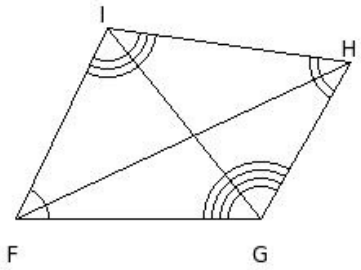
(i) O , P , Q , T (ii) O , P , R , T (iii) O , P , Q , R (iv) O , P , Q , S (v) O , P , R , S

5. The diagonals of the quadrilateral are



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

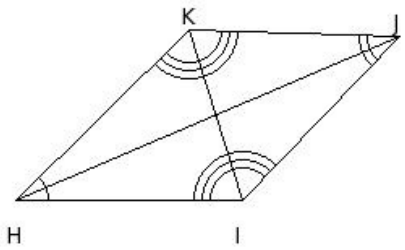
6. The adjacent sides of the quadrilateral are



(i) $\overline{FG}$ & $\overline{GI}$, $\overline{GI}$ & $\overline{IJ}$, $\overline{IJ}$ & $\overline{JF}$, $\overline{JF}$ & $\overline{FG}$ (ii) $\overline{FH}$ & $\overline{HI}$, $\overline{HI}$ & $\overline{IG}$, $\overline{IG}$ & $\overline{GF}$, $\overline{GF}$ & $\overline{FH}$ (iii) $\overline{FH}$ & $\overline{HG}$, $\overline{HG}$ & $\overline{GI}$, $\overline{GI}$ & $\overline{IF}$, $\overline{IF}$ & $\overline{FH}$

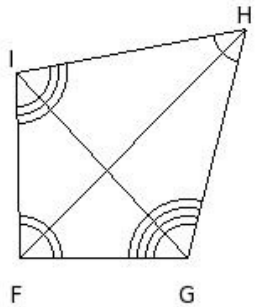
(iv) $\overline{FG}$ & $\overline{GH}$, $\overline{GH}$ & $\overline{HJ}$, $\overline{HJ}$ & $\overline{JF}$, $\overline{JF}$ & $\overline{FG}$ (v) $\overline{FG}$ & $\overline{GH}$, $\overline{GH}$ & $\overline{HI}$, $\overline{HI}$ & $\overline{IF}$, $\overline{IF}$ & $\overline{FG}$

7. The opposite sides of the quadrilateral are



(i) $\overline{HI}$ & $\overline{JK}$, $\overline{IJ}$ & $\overline{KH}$ (ii) $\overline{HJ}$ & $\overline{IK}$, $\overline{JI}$ & $\overline{KH}$ (iii) $\overline{HI}$ & $\overline{JL}$, $\overline{IJ}$ & $\overline{LH}$ (iv) $\overline{HJ}$ & $\overline{KI}$, $\overline{JK}$ & $\overline{IH}$ (v) $\overline{HI}$ & $\overline{KL}$, $\overline{IK}$ & $\overline{LH}$

8. The adjacent angles of the quadrilateral are

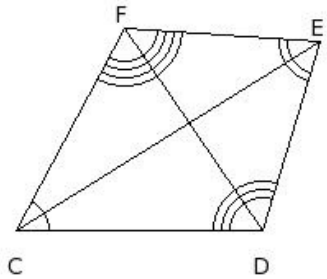


(i) $\angle F$ & $\angle H$, $\angle H$ & $\angle G$, $\angle G$ & $\angle I$, $\angle I$ & $\angle F$ (ii) $\angle F$ & $\angle G$, $\angle G$ & $\angle H$, $\angle H$ & $\angle I$, $\angle I$ & $\angle F$

(iii) $\angle F$ & $\angle G$, $\angle G$ & $\angle H$, $\angle H$ & $\angle J$, $\angle J$ & $\angle F$ (iv) $\angle F$ & $\angle H$, $\angle H$ & $\angle I$, $\angle I$ & $\angle G$, $\angle G$ & $\angle F$

(v) $\angle F$ & $\angle G$, $\angle G$ & $\angle I$, $\angle I$ & $\angle J$, $\angle J$ & $\angle F$

9. The opposite angles of the quadrilateral are



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

(v) ∠C & ∠D , ∠E & ∠F

Assignment Key

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