EduSahara™ Assignment

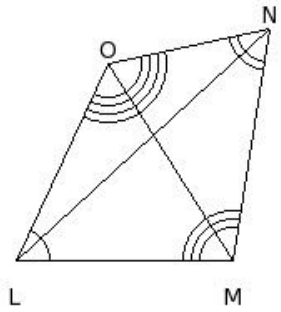
Name : Quadrilaterals

Chapter : Basic Geometrical Ideas

Grade : SSC Grade VI

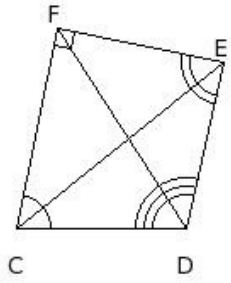
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1. The sides of the quadrilateral are



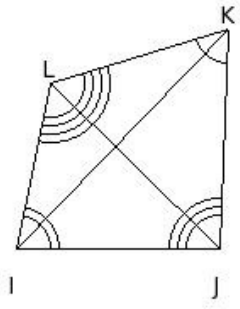
(i) $\overline{LM}, \overline{MN}, \overline{NP}, \overline{PL}$ (ii) $\overline{LM}, \overline{MO}, \overline{OP}, \overline{PL}$ (iii) $\overline{LN}, \overline{NO}, \overline{OM}, \overline{ML}$ (iv) $\overline{LN}, \overline{NM}, \overline{MO}, \overline{OL}$ (v) $\overline{LM}, \overline{MN}, \overline{NO}, \overline{OL}$

2. The name of the quadrilateral is



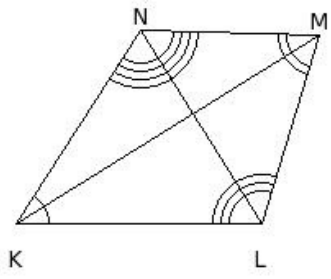
(i) CDEG (ii) CDFG (iii) CEFD (iv) CEDF (v) CDEF

3. The angles of the quadrilateral are



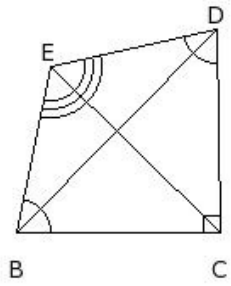
(i) $\angle I, \angle J, \angle L, \angle M$ (ii) $\angle I, \angle J, \angle K, \angle N$ (iii) $\angle I, \angle J, \angle L, \angle N$ (iv) $\angle I, \angle J, \angle K, \angle L$ (v) $\angle I, \angle J, \angle K, \angle M$

4. The vertices of the quadrilateral are



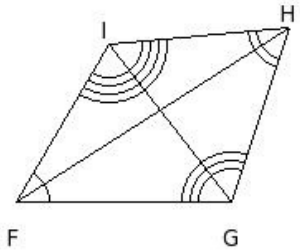
(i) K , L , N , O (ii) K , L , M , P (iii) K , L , N , P (iv) K , L , M , O (v) K , L , M , N

5. The diagonals of the quadrilateral are



(i) $\overline{DC}, \overline{BE}$ (ii) $\overline{CE}, \overline{BD}$ (iii) $\overline{DE}, \overline{BC}$ (iv) $\overline{CF}, \overline{BE}$ (v) $\overline{CF}, \overline{BD}$

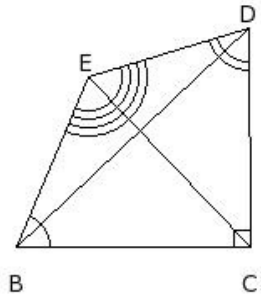
6. The adjacent sides of the quadrilateral are



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

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

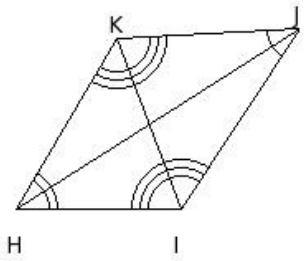
7. The opposite sides of the quadrilateral are



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

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

8. The adjacent angles of the quadrilateral are

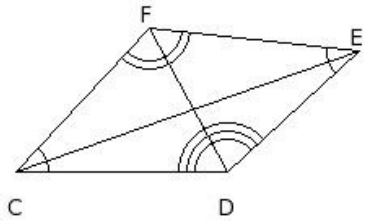


(i) $\angle H \& \angle I, \angle I \& \angle J, \angle J \& \angle K, \angle K \& \angle H$ (ii) $\angle H \& \angle J, \angle J \& \angle K, \angle K \& \angle I, \angle I \& \angle H$

(iii) $\angle H \& \angle I, \angle I \& \angle J, \angle J \& \angle L, \angle L \& \angle H$ (iv) $\angle H \& \angle J, \angle J \& \angle I, \angle I \& \angle K, \angle K \& \angle H$

(v) $\angle H \& \angle I, \angle I \& \angle K, \angle K \& \angle L, \angle L \& \angle H$

9. The opposite angles of the quadrilateral are



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

(v) ∠C & ∠F , ∠E & ∠D

Assignment Key

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

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