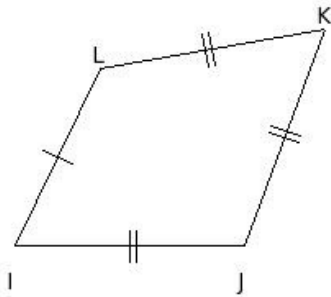


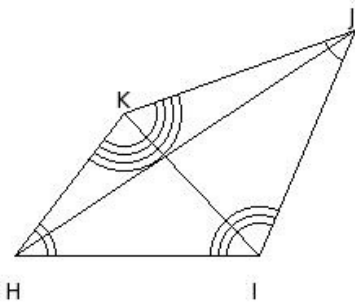


1. Identify the figure below



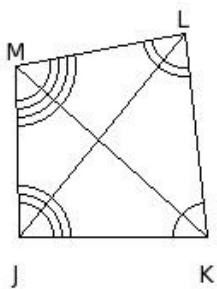
- (i) angle
- (ii) nonagon
- (iii) quadrilateral
- (iv) pentagon
- (v) octagon

2. The sides of the quadrilateral are



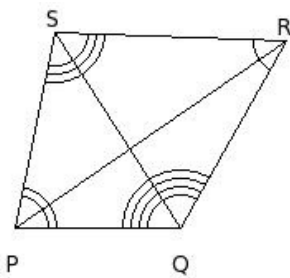
- (i) $\overline{HJ}, \overline{JK}, \overline{KI}, \overline{IH}$
- (ii) $\overline{HI}, \overline{IK}, \overline{KL}, \overline{LH}$
- (iii) $\overline{HI}, \overline{IJ}, \overline{JL}, \overline{LH}$
- (iv) $\overline{HI}, \overline{IJ}, \overline{JK}, \overline{KH}$
- (v) $\overline{HJ}, \overline{JI},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

3. The name of the quadrilateral is



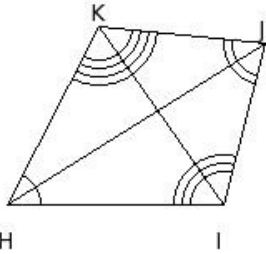
- (i) JLMK
- (ii) JKLN
- (iii) JKLM
- (iv) JLKM
- (v) JKMN

4. The angles of the quadrilateral are



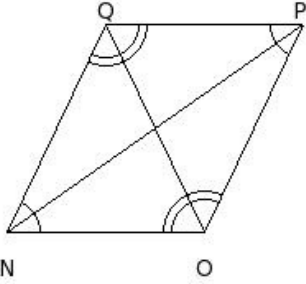
- (i) $\angle P, \angle Q, \angle S, \angle U$
- (ii) $\angle P, \angle Q, \angle R, \angle S$
- (iii) $\angle P, \angle Q, \angle R, \angle U$
- (iv) $\angle P, \angle Q, \angle R, \angle T$
- (v) $\angle P, \angle Q, \angle S, \angle T$

5. The vertices of the quadrilateral are



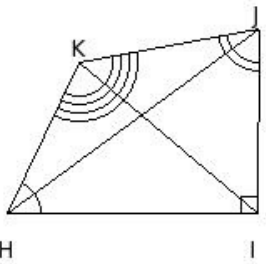
- (i) H, I, J, L (ii) H, I, J, K (iii) H, I, K, M (iv) H, I, J, M (v) H, I, K, L

6. The diagonals of the quadrilateral are



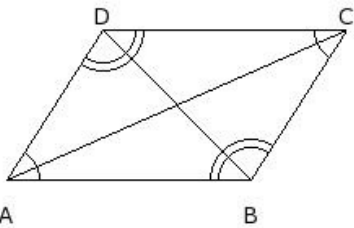
- (i) $\overline{OQ}, \overline{NP}$ (ii) $\overline{OR}, \overline{NQ}$ (iii) $\overline{PQ}, \overline{NO}$ (iv) $\overline{OR}, \overline{NP}$ (v) $\overline{PO}, \overline{NQ}$

7. The adjacent sides of the quadrilateral are



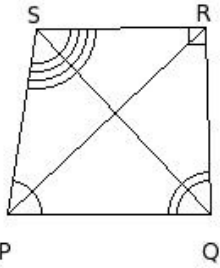
- (i) $\overline{HI} \& \overline{IK}, \overline{IK} \& \overline{KL}, \overline{KL} \& \overline{LH}, \overline{LH} \& \overline{HI}$ (ii) $\overline{HJ} \& \overline{JK}, \overline{JK} \& \overline{KI}, \overline{KI} \& \overline{IH}, \overline{IH} \& \overline{HJ}$ (iii) $\overline{HJ} \& \overline{JI},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

8. The opposite sides of the quadrilateral are



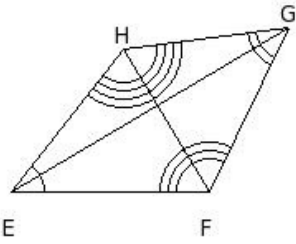
- (i) $\overline{AB} \& \overline{CD}, \overline{BC} \& \overline{DA}$ (ii) $\overline{AC} \& \overline{BD}, \overline{CB} \& \overline{DA}$ (iii) $\overline{AB} \& \overline{CE}, \overline{BC} \& \overline{EA}$ (iv) $\overline{AC} \& \overline{DB}, \overline{CD} \& \overline{BA}$
 (v) $\overline{AB}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

9. The adjacent angles of the quadrilateral are



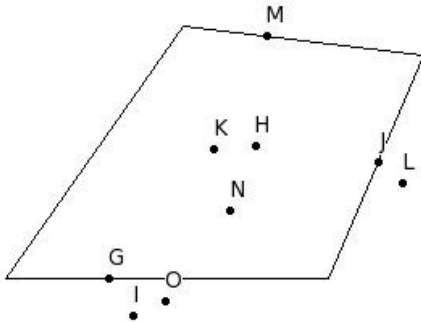
- (i) $\angle P$ & $\angle Q$, $\angle Q$ & $\angle R$, $\angle R$ & $\angle S$, $\angle S$ & $\angle P$ (ii) $\angle P$ & $\angle Q$, $\angle Q$ & $\angle R$, $\angle R$ & $\angle T$, $\angle T$ & $\angle P$
 (iii) $\angle P$ & $\angle R$, $\angle R$ & $\angle Q$, $\angle Q$ & $\angle S$, $\angle S$ & $\angle P$ (iv) $\angle P$ & $\angle Q$, $\angle Q$ & $\angle S$, $\angle S$ & $\angle T$, $\angle T$ & $\angle P$
 (v) $\angle P$ & $\angle R$, $\angle R$ & $\angle S$, $\angle S$ & $\angle Q$, $\angle Q$ & $\angle P$

10. The opposite angles of the quadrilateral are



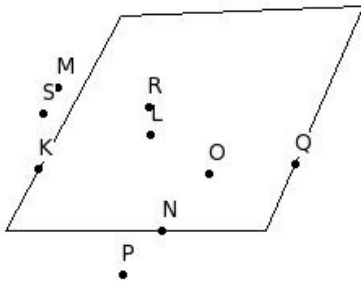
- (i) $\angle E$ & $\angle H$, $\angle F$ & $\angle I$ (ii) $\angle E$ & $\angle F$, $\angle G$ & $\angle H$ (iii) $\angle E$ & $\angle G$, $\angle F$ & $\angle H$ (iv) $\angle E$ & $\angle H$, $\angle G$ & $\angle F$
 (v) $\angle E$ & $\angle G$, $\angle F$ & $\angle I$

11. Identify the points that are on the quadrilateral



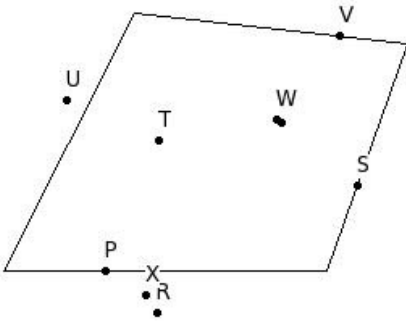
- (i) $\{J, N, M\}$ (ii) $\{H, K, N\}$ (iii) $\{M, G, L\}$ (iv) $\{I, L, O\}$ (v) $\{G, J, M\}$

12. Identify the points that are inside the quadrilateral



- (i) $\{R, O, K\}$ (ii) $\{K, N, Q\}$ (iii) $\{M, P, S\}$ (iv) $\{L, O, R\}$ (v) $\{O, L, P\}$

13. Identify the points that are outside the quadrilateral



- (i) {T,U,R} (ii) {S,U,X} (iii) {R,U,X} (iv) {P,S,V} (v) {Q,T,W}

Assignment Key

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