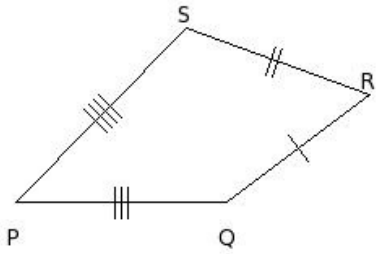
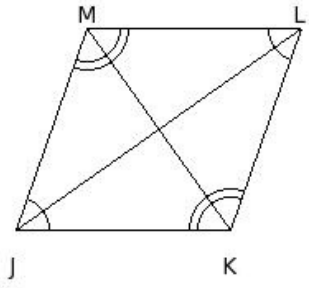
1. Identify the figure below



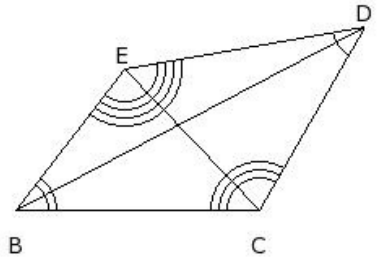
(i) decagon (ii) quadrilateral (iii) nonagon (iv) angle (v) heptagon

2. The sides of the quadrilateral are



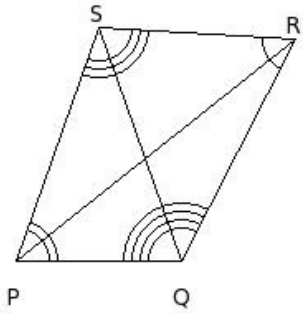
(i) $\overline{JL}, \overline{LM}, \overline{MK}, \overline{KJ}$ (ii) $\overline{JK}, \overline{KL}, \overline{LM}, \overline{MJ}$ (iii) $\overline{JL}, \overline{LK}, \overline{KM}, \overline{MJ}$ (iv) $\overline{JK}, \overline{KL}, \overline{LN}, \overline{NJ}$ (v) $\overline{JK}, \overline{KM}, \overline{MN}, \overline{NJ}$

3. The name of the quadrilateral is



(i) BCDE (ii) BDEC (iii) BCEF (iv) BCDF (v) BDCE

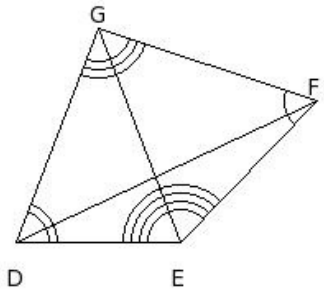
4. The angles of the quadrilateral are



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

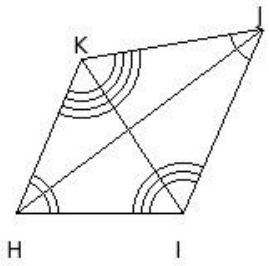
(v) $\angle P, \angle Q, \angle R, \angle T$

5. The vertices of the quadrilateral are



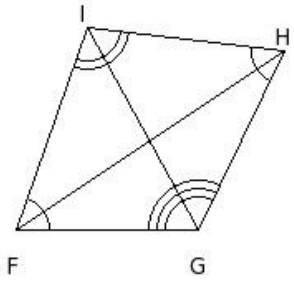
(i) D , E , G , I (ii) D , E , F , G (iii) D , E , F , H (iv) D , E , G , H (v) D , E , F , I

6. The diagonals of the quadrilateral are



(i) $\overline{JK}, \overline{HI}$ (ii) $\overline{IK}, \overline{HJ}$ (iii) $\overline{IL}, \overline{HJ}$ (iv) $\overline{IL}, \overline{HK}$ (v) $\overline{JI}, \overline{HK}$

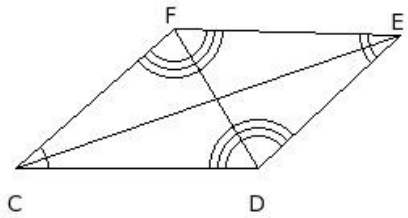
7. The adjacent sides of the quadrilateral are



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

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

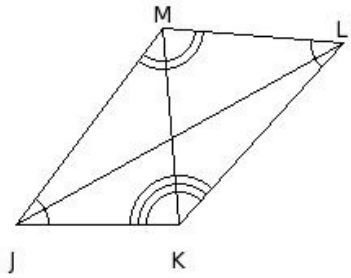
8. The opposite sides of the quadrilateral are



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

(v) $\overline{CD}$ & $\overline{EG}$, $\overline{DE}$ & $\overline{GC}$

9. The adjacent angles of the quadrilateral are

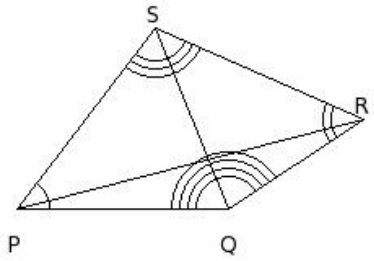


(i) ∠J & ∠L , ∠L & ∠K , ∠K & ∠M , ∠M & ∠J (ii) ∠J & ∠L , ∠L & ∠M , ∠M & ∠K , ∠K & ∠J

(iii) ∠J & ∠K , ∠K & ∠M , ∠M & ∠N , ∠N & ∠J (iv) ∠J & ∠K , ∠K & ∠L , ∠L & ∠N , ∠N & ∠J

(v) ∠J & ∠K , ∠K & ∠L , ∠L & ∠M , ∠M & ∠J

10. The opposite angles of the quadrilateral are



(i) ∠P & ∠R , ∠Q & ∠S (ii) ∠P & ∠S , ∠R & ∠Q (iii) ∠P & ∠S , ∠Q & ∠T (iv) ∠P & ∠R , ∠Q & ∠T

(v) ∠P & ∠Q , ∠R & ∠S

Assignment Key

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