EduSahara™ Assignment

Name : Quadrilateral Concepts

Chapter : Quadrilaterals

Grade : ICSE Grade VIII

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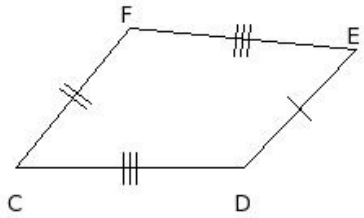
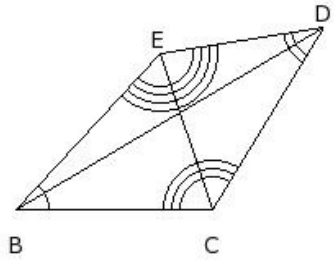
1. Identify the figure below



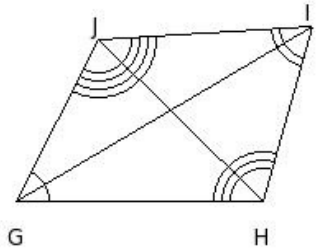
(i) nonagon (ii) angle (iii) circle (iv) heptagon (v) quadrilateral

2. The sides of the quadrilateral are



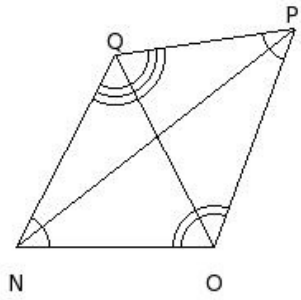
(i) $\overline{BC}, \overline{CD}, \overline{DE}, \overline{EB}$ (ii) $\overline{BC}, \overline{CE}, \overline{EF}, \overline{FB}$ (iii) $\overline{BC}, \overline{CD}, \overline{DF}, \overline{FB}$ (iv) $\overline{BD}, \overline{DE}, \overline{EC}, \overline{CB}$ (v) $\overline{BD}, \overline{DC}, \overline{CE},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

3. The name of the quadrilateral is



(i) GHIK (ii) GHIJ (iii) GHJK (iv) GIHJ (v) GIJH

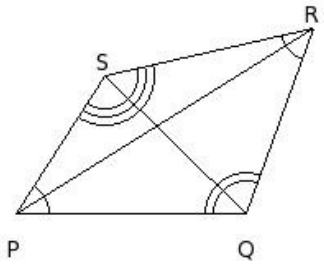
4. The angles of the quadrilateral are



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

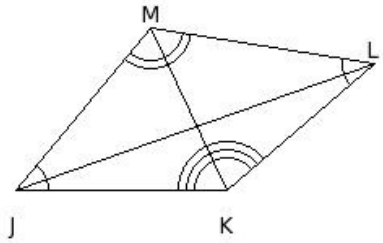
(v) $\angle N, \angle O, \angle P, \angle R$

5. The vertices of the quadrilateral are



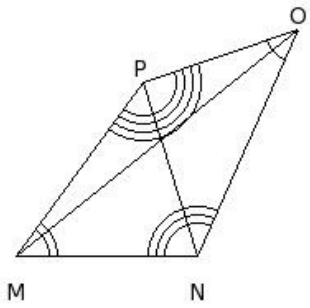
(i) P , Q , R , T (ii) P , Q , R , S (iii) P , Q , S , T (iv) P , Q , R , U (v) P , Q , S , U

6. The diagonals of the quadrilateral are



(i) $\overline{LK}$, $\overline{JM}$ (ii) $\overline{KN}$, $\overline{JM}$ (iii) $\overline{KN}$, $\overline{JL}$ (iv) $\overline{KM}$, $\overline{JL}$ (v) $\overline{LM}$, $\overline{JK}$

7. The adjacent sides of the quadrilateral are

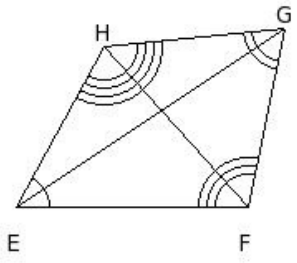


(i) $\overline{MN}$ & $\overline{NO}$, $\overline{NO}$ & $\overline{OQ}$, $\overline{OQ}$ & $\overline{QM}$, $\overline{QM}$ & $\overline{MN}$ (ii) $\overline{MO}$ & $\overline{OP}$, $\overline{OP}$ & $\overline{PN}$, $\overline{PN}$ & $\overline{NM}$, $\overline{NM}$ & $\overline{MO}$

(iii) $\overline{MN}$ & $\overline{NP}$, $\overline{NP}$ & $\overline{PQ}$, $\overline{PQ}$ & $\overline{QM}$, $\overline{QM}$ & $\overline{MN}$ (iv) $\overline{MN}$ & $\overline{NO}$, $\overline{NO}$ & $\overline{OP}$, $\overline{OP}$ & $\overline{PM}$, $\overline{PM}$ & $\overline{MN}$

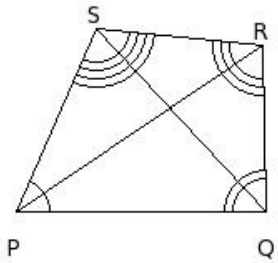
(v) $\overline{MO}$ & $\overline{ON}$, $\overline{ON}$ & $\overline{NP}$, $\overline{NP}$ & $\overline{PM}$, $\overline{PM}$ & $\overline{MO}$

8. The opposite sides of the quadrilateral are



(i) $\overline{EF}$ & $\overline{HI}$, $\overline{FH}$ & $\overline{IE}$ (ii) $\overline{EF}$ & $\overline{GI}$, $\overline{FG}$ & $\overline{IE}$ (iii) $\overline{EG}$ & $\overline{FH}$, $\overline{GF}$ & $\overline{HE}$ (iv) $\overline{EF}$ & $\overline{GH}$, $\overline{FG}$ & $\overline{HE}$ (v) $\overline{EG}$ & $\overline{HF}$, $\overline{GH}$ & $\overline{FE}$

9. The adjacent angles of the quadrilateral are

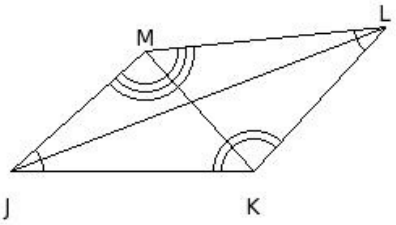


(i) ∠P & ∠R , ∠R & ∠Q , ∠Q & ∠S , ∠S & ∠P (ii) ∠P & ∠Q , ∠Q & ∠S , ∠S & ∠T , ∠T & ∠P

(iii) ∠P & ∠R , ∠R & ∠S , ∠S & ∠Q , ∠Q & ∠P (iv) ∠P & ∠Q , ∠Q & ∠R , ∠R & ∠S , ∠S & ∠P

(v) ∠P & ∠Q , ∠Q & ∠R , ∠R & ∠T , ∠T & ∠P

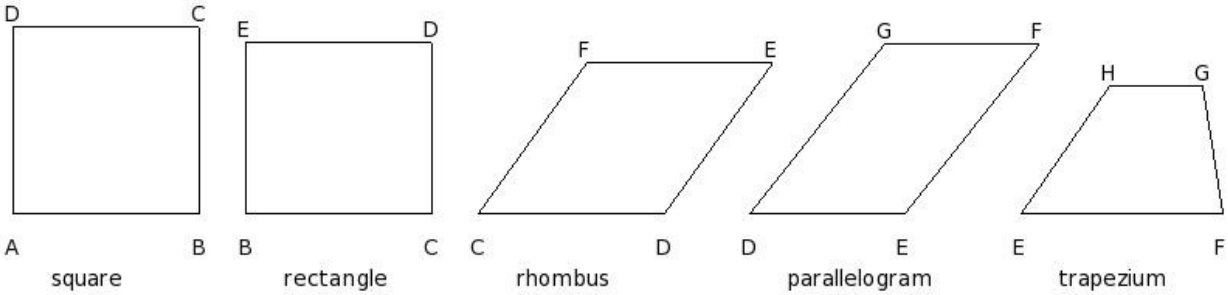
10. The opposite angles of the quadrilateral are



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

(v) ∠J & ∠M , ∠L & ∠K

11. Which of the following figures is a regular quadrilateral?



(i) parallelogram (ii) square (iii) rectangle (iv) rhombus (v) trapezium

12. Sum of the interior angles in a quadrilateral is

(i) 390° (ii) 360° (iii) 375° (iv) 370° (v) 365°

13. How many diagonals does a quadrilateral have?

(i) 3 (ii) 0 (iii) 1 (iv) 4 (v) 2

Assignment Key

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

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