EduSahara™ Assignment

Name : Quadrilateral Concepts

Chapter : Quadrilaterals

Grade : ICSE Grade VII

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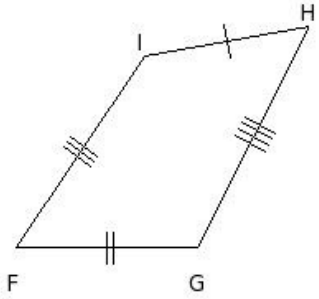
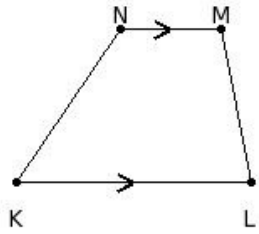
1. Identify the figure below



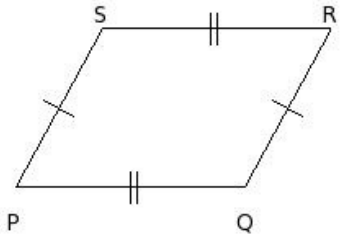
(i) heptagon (ii) nonagon (iii) octagon (iv) quadrilateral (v) triangle

2. Identify the figure below



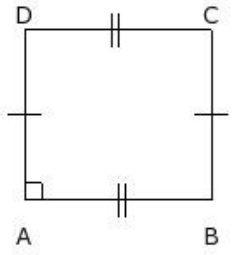
(i) angle (ii) trapezium (iii) triangle (iv) kite (v) parallelogram

3. Identify the figure below



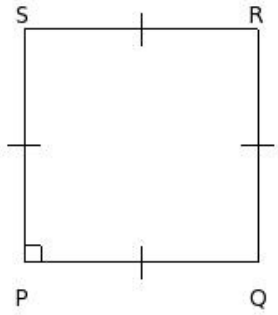
(i) kite (ii) angle (iii) parallelogram (iv) triangle (v) square

4. Identify the figure below



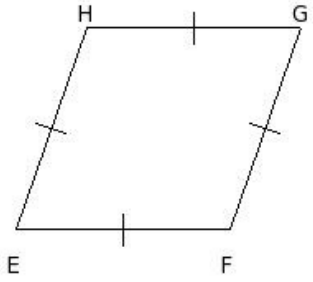
(i) rhombus (ii) rectangle (iii) square (iv) parallelogram (v) circle

5. Identify the figure below



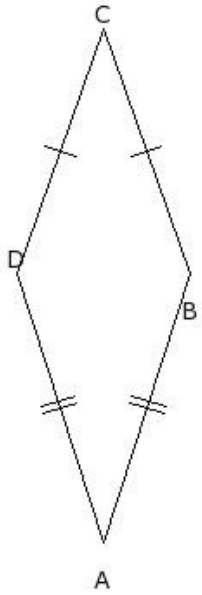
(i) triangle (ii) kite (iii) parallelogram (iv) trapezium (v) square

6. Identify the figure below



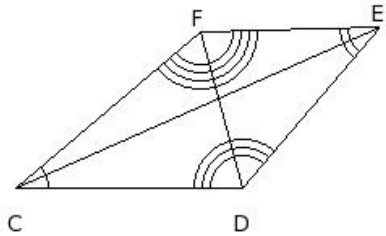
(i) square (ii) kite (iii) rhombus (iv) circle (v) trapezium

7. Identify the figure below



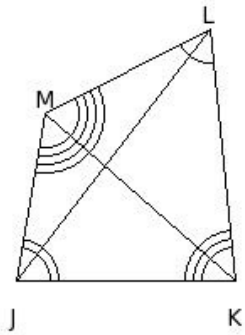
(i) trapezium (ii) kite (iii) angle (iv) rhombus (v) circle

8. The sides of the quadrilateral are



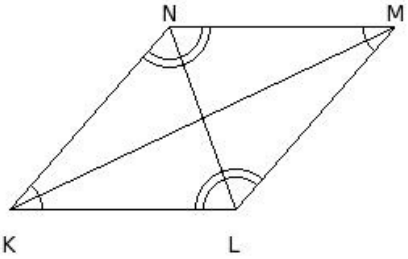
(i) $\overline{CE}, \overline{ED}, \overline{DF}, \overline{FC}$ (ii) $\overline{CD}, \overline{DF}, \overline{FG}, \overline{GC}$ (iii) $\overline{CD}, \overline{DE}, \overline{EG}, \overline{GC}$ (iv) $\overline{CD}, \overline{DE}, \overline{EF}, \overline{FC}$ (v) $\overline{CE}, \overline{EF}, \overline{FD},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

9. The name of the quadrilateral is



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

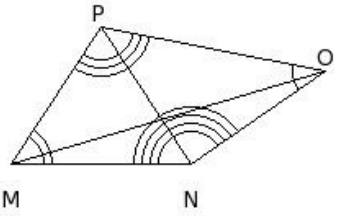
10. The angles of the quadrilateral are



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

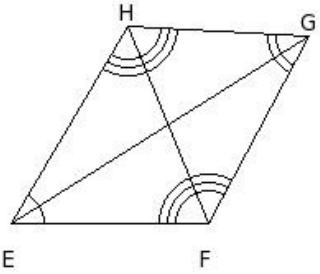
(v) ∠K , ∠L , ∠M , ∠P

11. The vertices of the quadrilateral are



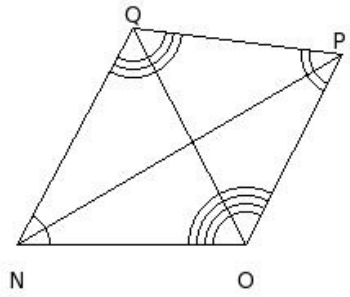
(i) M , N , P , Q (ii) M , N , O , R (iii) M , N , P , R (iv) M , N , O , P (v) M , N , O , Q

12. The diagonals of the quadrilateral are



(i) $\overline{FI}$, $\overline{EH}$ (ii) $\overline{FI}$, $\overline{EG}$ (iii) $\overline{GH}$, $\overline{EF}$ (iv) $\overline{GF}$, $\overline{EH}$ (v) $\overline{FH}$, $\overline{EG}$

13. The adjacent sides of the quadrilateral are

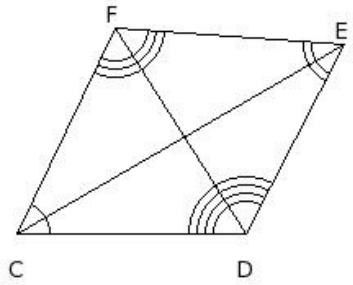


(i) $\overline{NO}$ & $\overline{OP}$, $\overline{OP}$ & $\overline{PR}$, $\overline{PR}$ & $\overline{RN}$, $\overline{RN}$ & $\overline{NO}$ (ii) $\overline{NP}$ & $\overline{PO}$, $\overline{PO}$ & $\overline{OQ}$, $\overline{OQ}$ & $\overline{QN}$, $\overline{QN}$ & $\overline{NP}$

(iii) $\overline{NO}$ & $\overline{OQ}$, $\overline{OQ}$ & $\overline{QR}$, $\overline{QR}$ & $\overline{RN}$, $\overline{RN}$ & $\overline{NO}$ (iv) $\overline{NP}$ & $\overline{PQ}$, $\overline{PQ}$ & $\overline{QO}$, $\overline{QO}$ & $\overline{ON}$, $\overline{ON}$ & $\overline{NP}$

(v) $\overline{NO}$ & $\overline{OP}$, $\overline{OP}$ & $\overline{PQ}$, $\overline{PQ}$ & $\overline{QN}$, $\overline{QN}$ & $\overline{NO}$

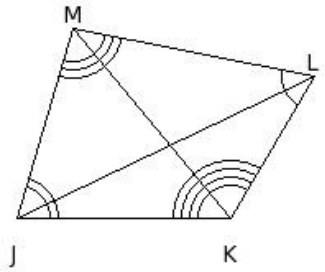
14. The opposite sides of the quadrilateral are



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

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

15. The adjacent angles of the quadrilateral are

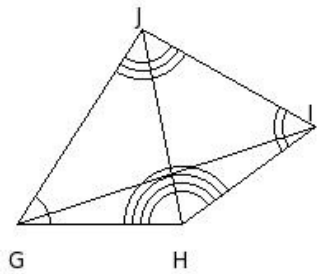


(i) ∠J & ∠K , ∠K & ∠M , ∠M & ∠N , ∠N & ∠J (ii) ∠J & ∠K , ∠K & ∠L , ∠L & ∠M , ∠M & ∠J

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

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

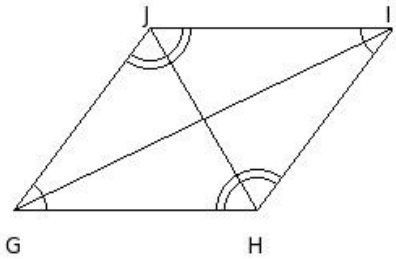
16. The opposite angles of the quadrilateral are



(i) ∠G & ∠I , ∠H & ∠K (ii) ∠G & ∠I , ∠H & ∠J (iii) ∠G & ∠J , ∠I & ∠H (iv) ∠G & ∠J , ∠H & ∠K

(v) ∠G & ∠H , ∠I & ∠J

17. The opposite angles of the parallelogram are



(i) ∠G & ∠I , ∠H & ∠K (ii) ∠G & ∠H , ∠I & ∠J (iii) ∠G & ∠I , ∠H & ∠J (iv) ∠G & ∠J , ∠I & ∠H

(v) ∠G & ∠J , ∠H & ∠K

Assignment Key

1) (iv)	2) (ii)	3) (iii)	4) (ii)	5) (v)	6) (iii)
7) (ii)	8) (iv)	9) (ii)	10) (ii)	11) (iv)	12) (v)
13) (v)	14) (i)	15) (ii)	16) (ii)	17) (iii)	

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