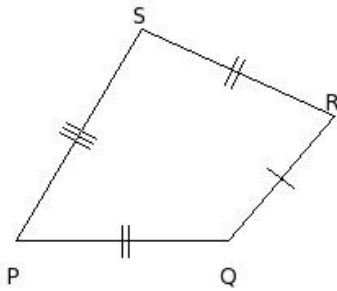


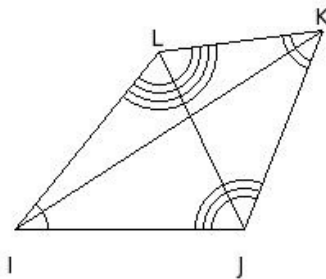


1. Identify the figure below



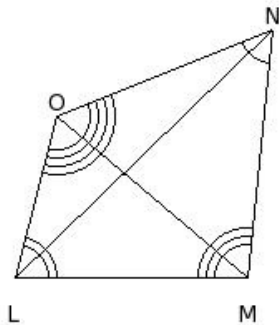
- (i) nonagon (ii) quadrilateral (iii) pentagon (iv) heptagon (v) decagon

2. The sides of the quadrilateral are



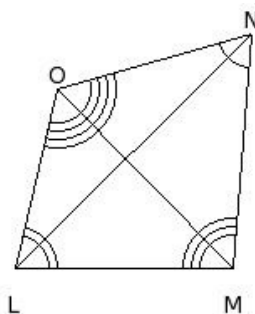
- (i) $\overline{IJ}, \overline{JK}, \overline{KM}, \overline{MI}$ (ii) $\overline{IK}, \overline{KJ}, \overline{JL}, \overline{LI}$ (iii) $\overline{IJ}, \overline{JL}, \overline{LM}, \overline{MI}$ (iv) $\overline{IJ}, \overline{JK}, \overline{KL}, \overline{LI}$ (v) $\overline{IK}, \overline{KL}, \overline{LJ}, \overline{JI}$

3. The name of the quadrilateral is



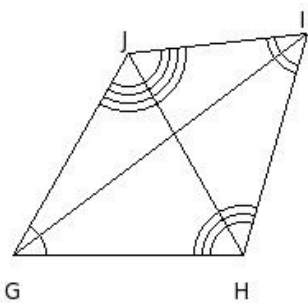
- (i) LMOP (ii) LMNP (iii) LNMO (iv) LMNO (v) LNOM

4. The angles of the quadrilateral are



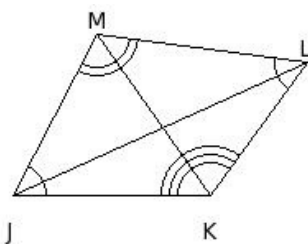
- (i) $\angle L, \angle M, \angle N, \angle Q$ (ii) $\angle L, \angle M, \angle O, \angle Q$ (iii) $\angle L, \angle M, \angle O, \angle P$ (iv) $\angle L, \angle M, \angle N, \angle P$
(v) $\angle L, \angle M, \angle N, \angle O$

5. The vertices of the quadrilateral are



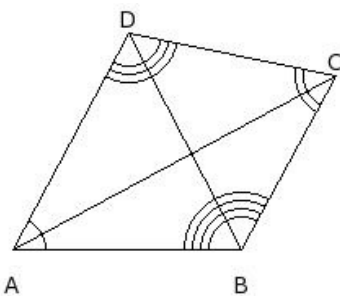
- (i) G, H, J, L (ii) G, H, J, K (iii) G, H, I, J (iv) G, H, I, L (v) G, H, I, K

6. The diagonals of the quadrilateral are



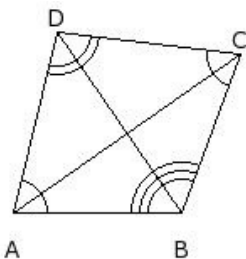
- (i) $\overline{LK}, \overline{JM}$ (ii) $\overline{LM}, \overline{JK}$ (iii) $\overline{KN}, \overline{JL}$ (iv) $\overline{KM}, \overline{JL}$ (v) $\overline{KN}, \overline{JM}$

7. The adjacent sides of the quadrilateral are



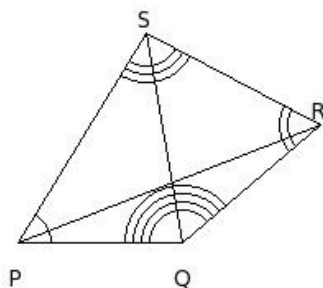
- (i) $\overline{AB} \& \overline{BC}, \overline{BC} \& \overline{CE}, \overline{CE} \& \overline{EA}, \overline{EA} \& \overline{AB}$ (ii) $\overline{AC} \& \overline{CB}, \overline{CB} \& \overline{BD}, \overline{BD} \& \overline{DA}, \overline{DA} \& \overline{AC}$
 (iii) $\overline{AB} \& \overline{BD},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

8. The opposite sides of the quadrilateral are



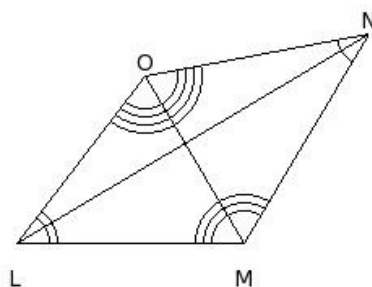
- (i) $\overline{AB} \& \overline{CD}, \overline{BC} \& \overline{DA}$ (ii) $\overline{AB} \& \overline{DE}, \overline{BD} \& \overline{EA}$ (iii) $\overline{AC} \& \overline{BD}, \overline{CB} \& \overline{DA}$ (iv) $\overline{AB} \& \overline{CE}, \overline{BC} \& \overline{EA}$
 (v) $\overline{AC}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

9. The adjacent angles of the quadrilateral are



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

11. The measures of three angles of a quadrilateral are 52.89° , 101.65° and 60° . Find the fourth angle

- (i) 145.46° (ii) 175.46° (iii) 150.46° (iv) 160.46° (v) 155.46°

12. Sum of the interior angles in a quadrilateral is

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

13. How many diagonals does a quadrilateral have?

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

14. Three angles of quadrilateral measure 61.28° , 56.25° and 144.43° respectively. Find the measure of the fourth angle

- (i) 100.04° (ii) 97.04° (iii) 98.04° (iv) 99.04° (v) 96.04°

15. Three angles of a quadrilateral are equal and the fourth angle measure 67.12° . What is the measure of each of the equal angles?

- (i) 99.63° (ii) 96.63° (iii) 97.63° (iv) 98.63° (v) 95.63°

16. Two angles of a quadrilateral are of measure 46.75° and 131.77° respectively and the other two angles are equal. Find the measure of each of the equal angles.

- (i) 89.74° (ii) 90.74° (iii) 88.74° (iv) 92.74° (v) 91.74°

17. A quadrilateral has three acute angles, each measuring 69° . What is the measure of its fourth angle?

- (i) 154.00° (ii) 155.00° (iii) 152.00° (iv) 151.00° (v) 153.00°

Assignment Key

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

Copyright © Small Systems Computing Pvt. Ltd.