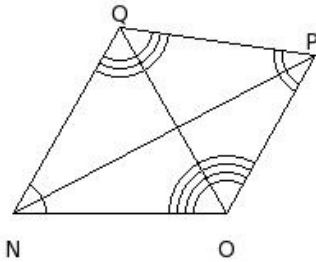


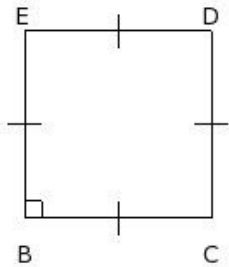


1. The vertices of the quadrilateral are



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

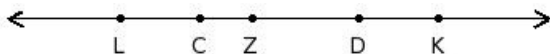
2. Identify the figure below



- (i) kite (ii) rectangle (iii) circle (iv) parallelogram (v) square

3. Consider the following figure  $\overleftrightarrow{LK}$ . State which of the following statements are true?

- a) L,K are points on the line segment  $\overline{CD}$   
 b) L,K are end points of line segment  $\overline{LK}$   
 c) Z,D are end points of line segment  $\overline{DL}$   
 d) L,C,Z,K,D are points on the line  $\overleftrightarrow{LK}$   
 e) L,K are end points of line segment  $\overline{CD}$

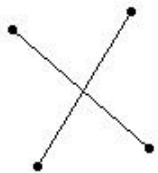


- (i) {c,d,b} (ii) {a,b} (iii) {c,d} (iv) {e,a,b} (v) {b,d}

4. Which of the following are true?

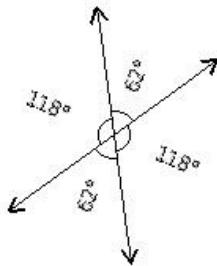
- a) If  $i \perp j$  and  $i \perp k$ , then  $j \perp k$   
 b) If two lines are parallel to the same line, then they are perpendicular to each other  
 c) If  $i \parallel j$  and  $j \parallel k$ , then  $i \parallel k$   
 d) If two lines are parallel to the same line, then they are parallel to each other  
 e) If  $i \perp j$  and  $j \perp k$ , then  $i \perp k$
- (i) {b,d} (ii) {e,a,c} (iii) {a,c} (iv) {b,d,c} (v) {c,d}

5. The following lines represent

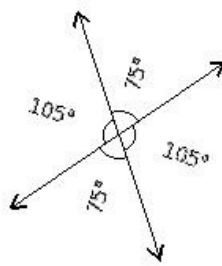


- (i) perpendicular lines (ii) coplanar lines (iii) concurrent lines (iv) intersecting lines (v) parallel lines

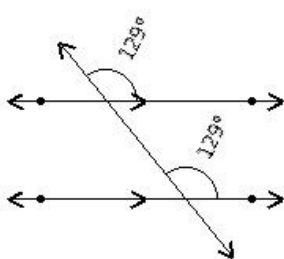
6. Which of the given figures is wrong?



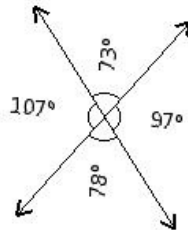
I



II



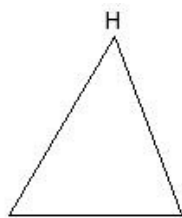
III



IV

- (i) III (ii) IV (iii) II (iv) I

7. The vertex opposite to the side  $\overline{HI}$



I J

- (i) I (ii) H (iii)  $\overline{JK}$  (iv) J

8. Which of the following figures represent a line?



fig 1



fig 2



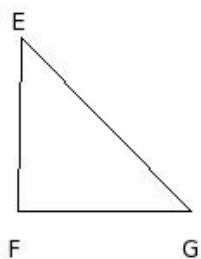
fig 3

- (i) fig 2 (ii) fig 3 (iii) fig 1

9. How many sides does a triangle have?

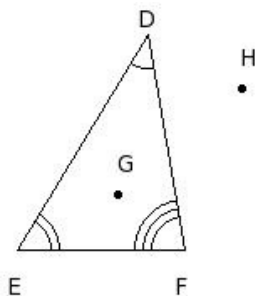
- (i) 3 (ii) 1 (iii) 6 (iv) 2 (v) 4

10. The side opposite to the vertex G



- (i)  $\overline{EI}$  (ii)  $\overline{HF}$  (iii)  $\overline{GE}$  (iv)  $\overline{EF}$  (v)  $\overline{FG}$

11. The vertices of the triangle are



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

12. Which of the following are true?

- a) The length of a line segment cannot be determined
- b) A line has an infinite number of points on it
- c) A ray has an infinite number of points on it
- d) Small letters are used to represent lines
- e) Capital letters are used to represent points

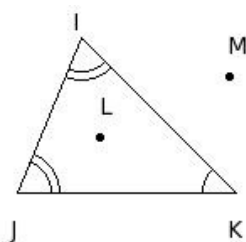
- (i) {a,b} (ii) {a,d} (iii) {b,c,d,e} (iv) {a,e,b} (v) {a,c}

13. The following lines represent



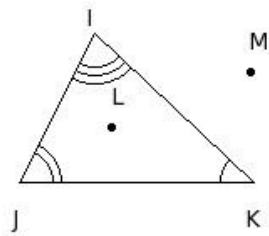
- (i) coplanar lines (ii) perpendicular lines (iii) parallel lines (iv) intersecting lines (v) concurrent lines

14. The angles of the triangle are



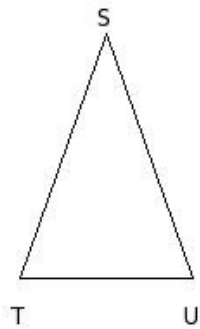
- (i)  $\angle K$ ,  $\angle L$ ,  $\angle M$  (ii)  $\angle I$ ,  $\angle J$ ,  $\angle K$  (iii)  $\angle J$ ,  $\angle K$ ,  $\angle M$  (iv)  $\angle J$ ,  $\angle K$ ,  $\angle L$  (v)  $\angle I$ ,  $\angle J$ ,  $\angle L$

15. The sides of the triangle are



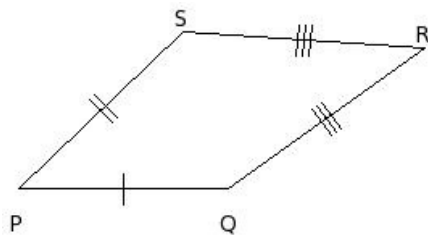
- (i)  $\overline{KL}, \overline{LJ}, \overline{JK}$  (ii)  $\overline{JK}, \overline{KI}, \overline{IJ}$  (iii)  $\overline{KM}, \overline{MJ}, \overline{JK}$  (iv)  $\overline{JL}, \overline{LI}, \overline{IJ}$  (v)  $\overline{LM}, \overline{MK}, \overline{KL}$

16. The vertex opposite to the side  $\overline{US}$



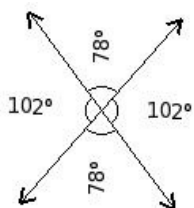
- (i)  $\overline{UV}$  (ii) W (iii) T (iv) S

17. Identify the figure below

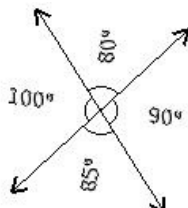


- (i) circle (ii) octagon (iii) triangle (iv) quadrilateral (v) angle

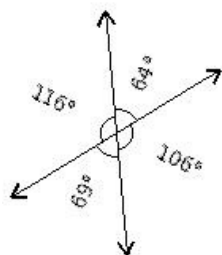
18. Which of the given figures is correct?



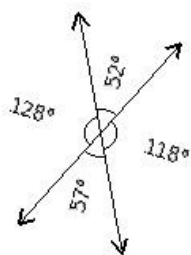
I



II



III



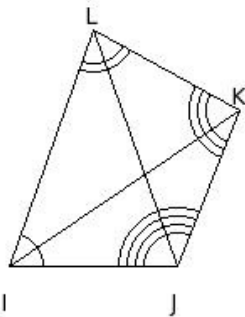
IV

- (i) IV (ii) I (iii) III (iv) II

19. Multiple lines which pass through the same point are called

- (i) concurrent lines (ii) intersecting lines (iii) parallel lines (iv) coplanar lines (v) perpendicular lines

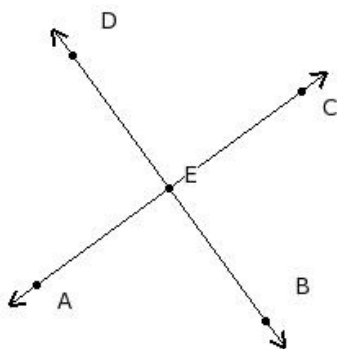
20. The angles of the quadrilateral are



- (i)  $\angle I, \angle J, \angle K, \angle N$  (ii)  $\angle I, \angle J, \angle L, \angle N$  (iii)  $\angle I, \angle J, \angle K, \angle L$  (iv)  $\angle I, \angle J, \angle L, \angle M$  (v)  $\angle I, \angle J, \angle K, \angle M$

21. Which of the following points are collinear?

- a) E, D, C  
b) B, E, C  
c) C, E, D  
d) D, E, B  
e) A, E, C

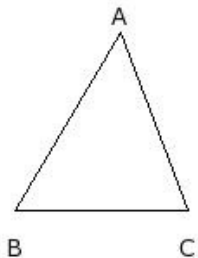


- (i)  $\{a,d\}$  (ii)  $\{d,e\}$  (iii)  $\{b,e\}$  (iv)  $\{c,a,d\}$  (v)  $\{b,e,d\}$

22. A polygon with 4 sides is called a

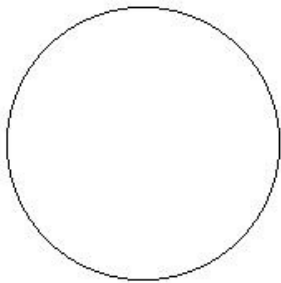
- (i) pentagon (ii) nonagon (iii) octagon (iv) decagon (v) quadrilateral

23. The vertex opposite to the side  $\overline{BC}$



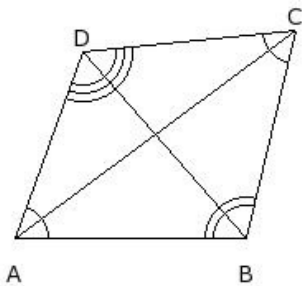
- (i) E (ii)  $\overline{CD}$  (iii) B (iv) A

24. Identify the figure below



- (i) decagon (ii) pentagon (iii) quadrilateral (iv) circle (v) triangle

25. The name of the quadrilateral is



- (i) ABCD (ii) ABDE (iii) ACDB (iv) ACBD (v) ABCE

## Assignment Key

1) (v)	2) (v)	3) (v)	4) (v)	5) (iv)	6) (ii)
7) (iv)	8) (ii)	9) (i)	10) (iv)	11) (i)	12) (iii)
13) (iii)	14) (ii)	15) (ii)	16) (iii)	17) (iv)	18) (ii)
19) (i)	20) (iii)	21) (ii)	22) (v)	23) (iv)	24) (iv)
25) (i)					