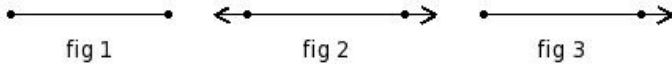




1. Which of the following figures represent a line?



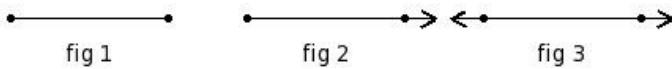
(i) fig 3 (ii) fig 1 (iii) fig 2

2. Which of the following figures represent a ray?



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

3. Which of the following figures represent a line segment?



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

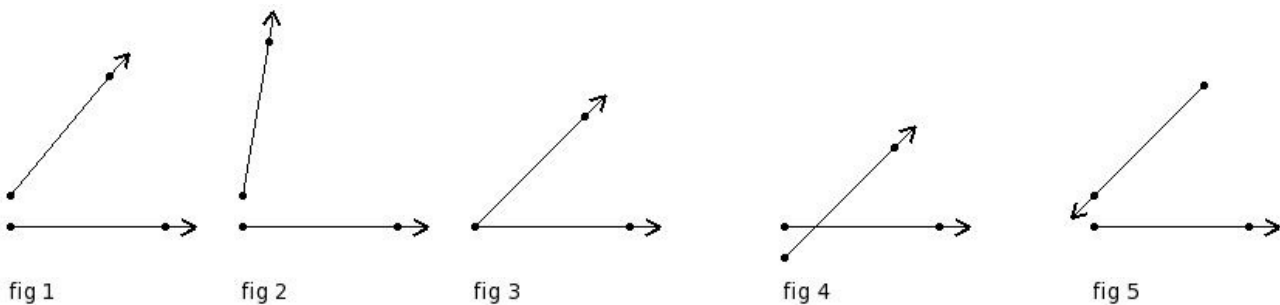
4. Points lying on the same line are called

(i) linear points (ii) collinear points (iii) concurrent points (iv) semi-linear points (v) non-linear points

5. Every simple closed curve divides a plane into how many sets of points?

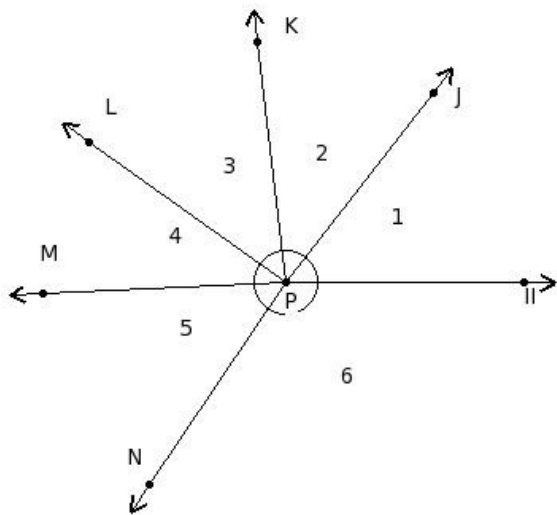
(i) 2 (ii) 3 (iii) 6 (iv) 4 (v) 1

6. Which of the following figures represent an angle?



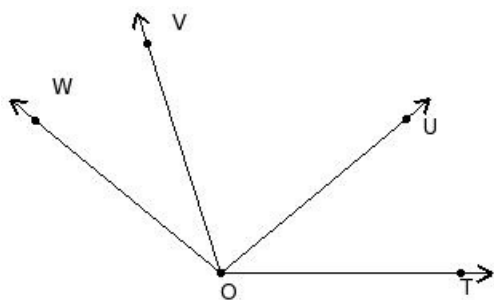
(i) fig 4 (ii) fig 1 (iii) fig 5 (iv) fig 3 (v) fig 2

7. The name of angle 5 in the given figure is



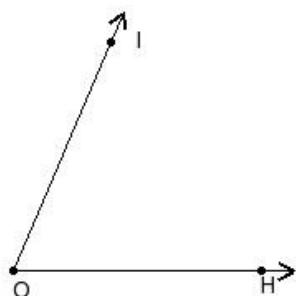
- (i) $\angle LPM$ (ii) $\angle IPJ$ (iii) $\angle KPL$ (iv) $\angle MPN$ (v) $\angle NPI$

8. Which of the following is the largest angle in the given figure?



- (i) $\angle UOV$ (ii) $\angle TOV$ (iii) $\angle UOW$ (iv) $\angle TOW$ (v) $\angle TOU$

9. The name of the given angle is



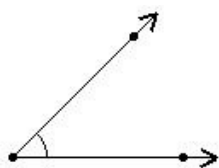
- (i) $\angle HIO$ (ii) $\angle IHO$ (iii) $\triangle HOI$ (iv) $\angle HOI$ (v) $\angle HI$

10. Identify the figure below



- (i) hexagon (ii) circle (iii) heptagon (iv) line (v) triangle

11. Identify the figure below



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

12. Multiple lines drawn on a plane are called

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

13. Multiple lines which do not meet each other are called

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

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

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

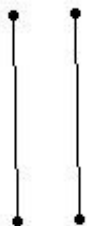
15. A line that intersects two lines at two different points is called

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

16. Two lines meeting at a point and making an angle of 90° at the meeting point are called

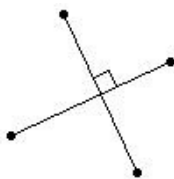
- (i) concurrent lines (ii) parallel lines (iii) coplanar lines (iv) perpendicular lines (v) intersecting lines

17. The following lines represent



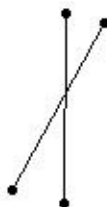
- (i) parallel lines (ii) concurrent lines (iii) intersecting lines (iv) coplanar lines (v) perpendicular lines

18. The following lines represent



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

19. The following lines represent



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

20. The representation \overleftrightarrow{KL} indicates

- (i) line segment (ii) ray (iii) arc (iv) angle (v) line

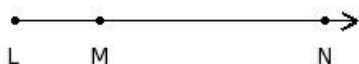
21. The representation \overline{MN} indicates

- (i) arc (ii) line segment (iii) line (iv) ray (v) angle

22. The representation \overrightarrow{DE} indicates

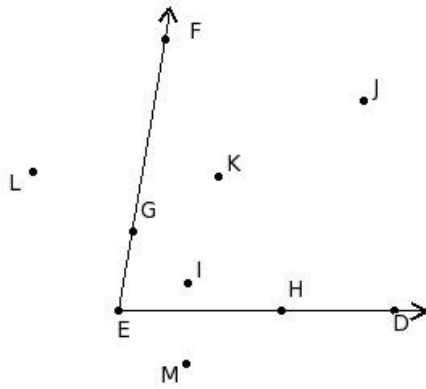
- (i) line (ii) ray (iii) line segment (iv) angle (v) arc

23. In the figure below, if $LM = 5.20$ cm and $MN = 13.80$ cm, find $LN = ?$



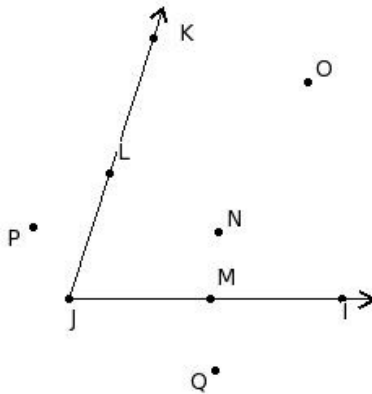
- (i) 19.00 cm (ii) 18.00 cm (iii) 20.00 cm (iv) 17.00 cm (v) 21.00 cm

24. In the given figure, write the points belonging to the angle



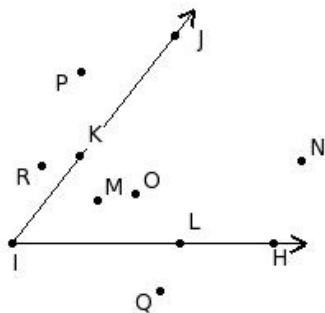
- (i) {M,L} (ii) {E,D,G,F} (iii) {E,H,D,G,F,K,M} (iv) {E,H,D,G,F} (v) {I,K,J}

25. In the given figure, write the points belonging to the interior of the angle



- (i) {P,Q} (ii) {O,N} (iii) {O,N,K,P} (iv) {M,K,I,L,J} (v) {N}

26. In the given figure, write the points belonging to the exterior of the angle



- (i) {Q,R,P,J,M} (ii) {R,P} (iii) {O,M,N} (iv) {Q,R,P} (v) {I,L,H,J,K}

27. Which of the following are true?

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

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

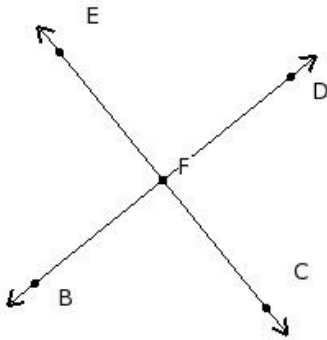
28. Which of the following are true?

- a) If two lines have infinite common points, then the two lines are concurrent
- b) Only one straight line can be drawn between any two points
- c) A straight line meets another straight line at atmost one point
- d) If a line cuts another line at more than one point, then one of the line is curved
- e) If two lines have no common point, then the lines are parallel

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

29. Which of the following points are collinear?

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



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

Assignment Key

1) (iii)	2) (iii)	3) (i)	4) (ii)	5) (ii)	6) (iv)
7) (iv)	8) (iv)	9) (iv)	10) (iv)	11) (iv)	12) (i)
13) (iii)	14) (iii)	15) (iv)	16) (iv)	17) (i)	18) (v)
19) (i)	20) (v)	21) (ii)	22) (ii)	23) (i)	24) (iv)
25) (ii)	26) (iv)	27) (ii)	28) (ii)	29) (iii)	