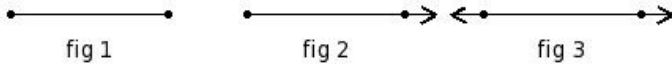




1. Which of the following figures represent a line?



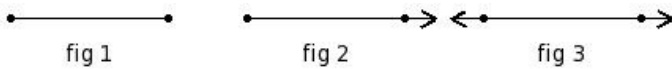
(i) fig 1 (ii) fig 2 (iii) fig 3

2. Which of the following figures represent a ray?



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

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



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

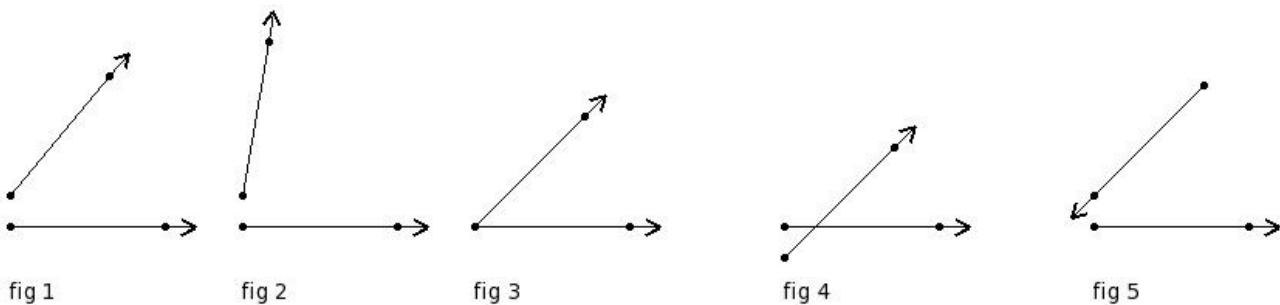
4. Points lying on the same line are called

(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?

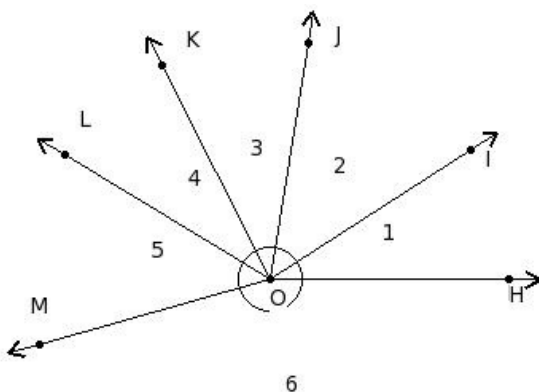
(i) 4 (ii) 2 (iii) 3 (iv) 1 (v) 5

6. Which of the following figures represent an angle?



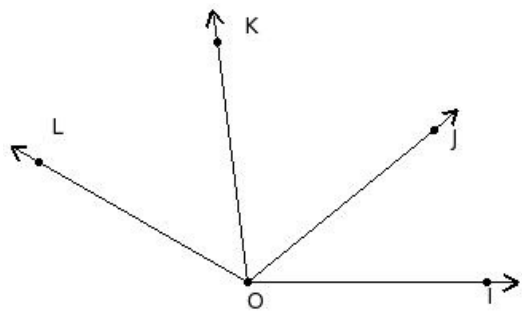
(i) fig 2 (ii) fig 1 (iii) fig 4 (iv) fig 5 (v) fig 3

7. The name of angle 1 in the given figure is



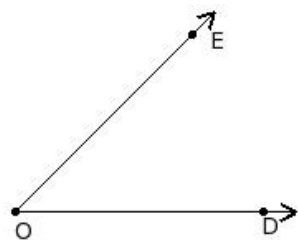
(i) $\angle MOH$ (ii) $\angle JOK$ (iii) $\angle LOM$ (iv) $\angle KOL$ (v) $\angle HOI$

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



- (i) $\angle JOK$ (ii) $\angle IOK$ (iii) $\angle IOL$ (iv) $\angle JOL$ (v) $\angle IOJ$

9. The name of the given angle is



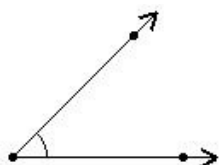
- (i) $\triangle DOE$ (ii) $\angle DE$ (iii) $\angle DEO$ (iv) $\angle EDO$ (v) $\angle DOE$

10. Identify the figure below



- (i) heptagon (ii) line (iii) quadrilateral (iv) decagon (v) octagon

11. Identify the figure below



- (i) heptagon (ii) nonagon (iii) hexagon (iv) angle (v) pentagon

12. Multiple lines drawn on a plane are called

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

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

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

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

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

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

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

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

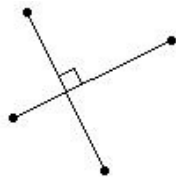
- (i) intersecting lines (ii) concurrent lines (iii) perpendicular lines (iv) coplanar lines (v) parallel lines

17. The following lines represent



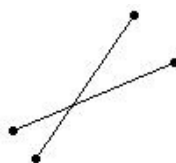
- (i) concurrent lines (ii) coplanar lines (iii) parallel lines (iv) intersecting lines (v) perpendicular lines

18. The following lines represent



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

19. The following lines represent



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

20. The representation \overleftrightarrow{MN} indicates

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

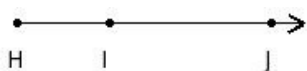
21. The representation \overline{MN} indicates

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

22. The representation \overrightarrow{IJ} indicates

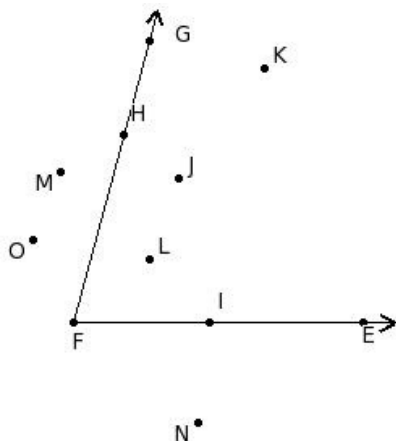
- (i) line segment (ii) line (iii) ray (iv) angle (v) arc

23. In the figure below, if $HI = 5.60$ cm and $IJ = 9.80$ cm, find $HJ = ?$



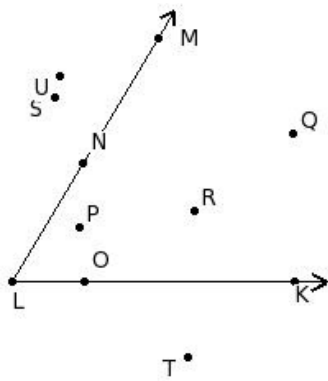
- (i) 15.40 cm (ii) 17.40 cm (iii) 13.40 cm (iv) 16.40 cm (v) 14.40 cm

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



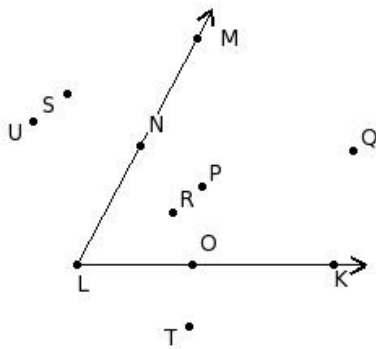
- (i) $\{G, E, I, F, H\}$ (ii) $\{G, E, I, F, H, L, M\}$ (iii) $\{N, O, M\}$ (iv) $\{K, L, J\}$ (v) $\{G, I, F, H\}$

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



- (i) {S,U,T} (ii) {R,Q} (iii) {R,Q,P,L,T} (iv) {L,O,K,N,M} (v) {R,Q,P}

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



- (i) {U,T,S} (ii) {P,R,Q} (iii) {L,N,K,O,M} (iv) {U,T} (v) {U,T,S,M,P}

27. Which of the following are true?

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

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

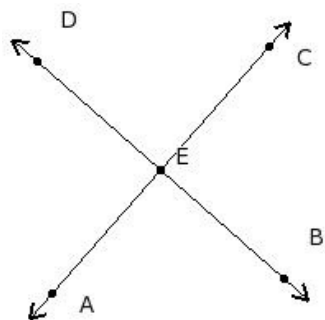
28. Which of the following are true?

- 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) If two lines have no common point, then the lines are parallel
- d) A straight line meets another straight line at atmost one point
- e) If a line cuts another line at more than one point, then one of the line is curved

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

29. Which of the following points are collinear?

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



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

Assignment Key

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