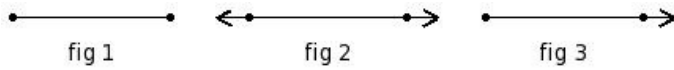




1. Which of the following figures represent a line?



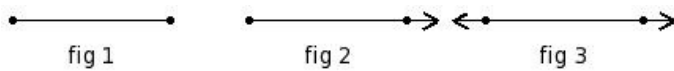
- (i) fig 3 (ii) fig 2 (iii) fig 1

2. Which of the following figures represent a ray?



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

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



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

4. Points lying on the same line are called

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

5. Multiple lines drawn on a plane are called

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

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

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

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

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

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

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

9. Two lines meeting at a point and making an angle of  $90^\circ$  at the meeting point are called

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

10. The representation  $\overleftrightarrow{BC}$  indicates

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

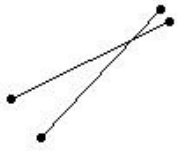
11. The representation  $\overline{IJ}$  indicates

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

12. The representation  $\overrightarrow{HI}$  indicates

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

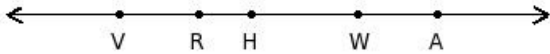
13. The following lines represent



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

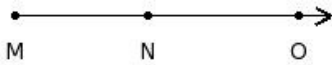
14. Consider the following figure  $\overleftrightarrow{VA}$ . State which of the following statements are true?

- a) V,A are end points of line segment  $\overline{VA}$   
b) V,A are points on the line segment  $\overline{RW}$   
c) H,W are end points of line segment  $\overline{WV}$   
d) V,A are end points of line segment  $\overline{RW}$   
e) V,R,H,A,W are points on the line  $\overleftrightarrow{VA}$



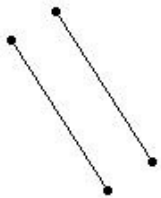
- (i) {a,e} (ii) {d,b,a} (iii) {c,e} (iv) {b,a} (v) {c,e,a}

15. In the figure below, if  $MN = 8.10$  cm and  $NO = 9.20$  cm, find  $MO = ?$



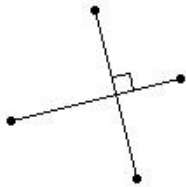
- (i) 19.30 cm (ii) 18.30 cm (iii) 16.30 cm (iv) 17.30 cm (v) 15.30 cm

16. The following lines represent



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

17. The following lines represent



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

## Assignment Key

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