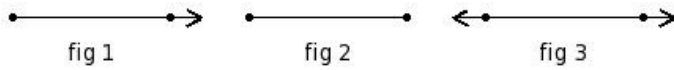


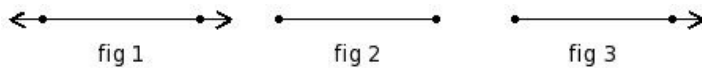


1. Which of the following figures represent a line?



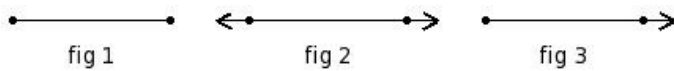
(i) fig 2 (ii) fig 3 (iii) fig 1

2. Which of the following figures represent a ray?



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

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



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

4. Points lying on the same line are called

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

5. Multiple lines drawn on a plane are called

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

13. The following lines represent



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

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

- a) Y, L are end points of line segment

$\overline{LG}$

- b) G, J are end points of line segment

$\overline{GJ}$

- c) G, P, Y, J, L are points on the line

$\overleftrightarrow{GJ}$

- d) G, J are end points of line segment

$\overline{PL}$

- e) G, J are points on the line segment

$\overline{PL}$



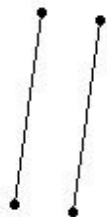
- (i) {d,c,b} (ii) {a,b} (iii) {e,a,b} (iv) {b,c} (v) {d,c}

15. In the figure below, if  $GH = 11.60$  cm and  $HI = 4.70$  cm, find  $GI = ?$



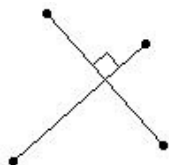
- (i) 16.30 cm (ii) 15.30 cm (iii) 17.30 cm (iv) 14.30 cm (v) 18.30 cm

16. The following lines represent



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

17. The following lines represent



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

## Assignment Key

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

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