



1. Which of the following figures represent a line?

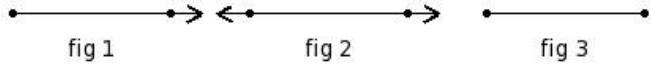


fig 1

fig 2

fig 3

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

2. Which of the following figures represent a ray?



fig 1

fig 2

fig 3

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

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

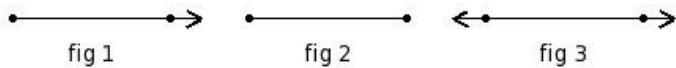


fig 1

fig 2

fig 3

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

4. Points lying on the same line are called

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

5. Identify the figure below



(i) nonagon (ii) line (iii) heptagon (iv) angle (v) hexagon

6. Multiple lines drawn on a plane are called

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

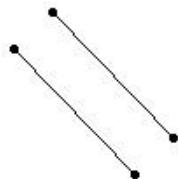
7. Multiple lines which do not meet each other are called

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

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

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

9. The following lines represent



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

10. The following lines represent



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

11. Consider the following figure \overleftrightarrow{MZ} . State which of the following statements are true?

a) D,E are end points of line segment

\overline{EM}

b) M,W,D,Z,E are points on the line

\overleftrightarrow{MZ}

c) M,Z are points on the line segment

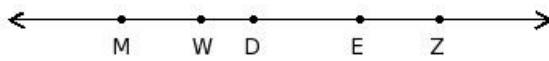
\overline{WE}

d) M,Z are end points of line segment

\overline{MZ}

e) M,Z are end points of line segment

\overline{WE}



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

12. The representation \overleftrightarrow{JK} indicates

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

13. The representation \overline{JK} indicates

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

14. The representation \overrightarrow{IJ} indicates

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

15. Which of the following are true?

a) The length of a line segment cannot be determined

b) Small letters are used to represent lines

c) A ray has an infinite number of points on it

d) Capital letters are used to represent points

e) A line has an infinite number of points on it

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

16. Which of the following are true?

a) Only one straight line can be drawn between any two points

b) If two lines have infinite common points, then the two lines are concurrent

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

Assignment Key

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