EduSahara™ Assignment

Name : Line Concepts

Chapter : Understanding Elementary Shapes

Grade : CBSE Grade VI

1. Multiple lines drawn on a plane are called

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

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

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

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

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

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

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

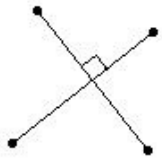
5. Two lines meeting at a point and making an angle of 90° at the meeting point are called

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

6. The following lines represent

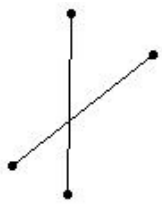
   (i) perpendicular lines (ii) parallel lines (iii) concurrent lines (iv) coplanar lines (v) intersecting lines

7. The following lines represent



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

8. The following lines represent



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

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

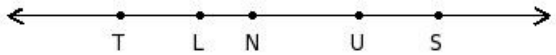
a) T,S are end points of line segment $\overline{LU}$

b) T,S are points on the line segment $\overline{LU}$

c) N,U are end points of line segment $\overline{UT}$

d) T,S are end points of line segment $\overline{TS}$

e) T,L,N,S,U are points on the line $\overleftrightarrow{TS}$



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

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

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

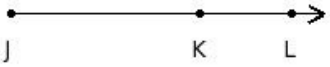
11. The representation $\overline{CD}$ indicates

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

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

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

13. In the figure below, if $JK = 11.50$ cm and $KL = 5.60$ cm, find JL = ?



(i) 19.10 cm (ii) 18.10 cm (iii) 15.10 cm (iv) 16.10 cm (v) 17.10 cm

Assignment Key

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