EduSahara™ Assignment

Name : Line Concepts

Chapter : Understanding Elementary Shapes

Grade : CBSE Grade VI

1. Multiple lines drawn on a plane are called

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

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

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

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

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

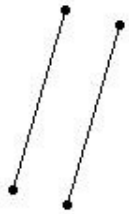
4. A line that intersects two lines at two different points is called

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

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

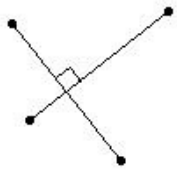
   (i) coplanar lines (ii) concurrent lines (iii) parallel lines (iv) intersecting lines (v) perpendicular lines

6. The following lines represent



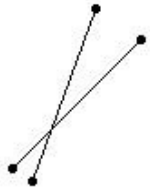
   (i) intersecting lines (ii) perpendicular lines (iii) parallel lines (iv) concurrent lines (v) coplanar lines

7. The following lines represent



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

8. The following lines represent



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

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

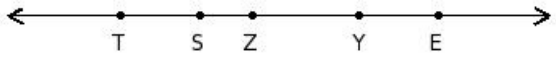
a) Z,Y are end points of line segment
$\overline{YT}$

b) T,E are points on the line segment
$\overline{SY}$

c) T,S,Z,E,Y are points on the line
$\overleftrightarrow{TE}$

d) T,E are end points of line segment
$\overline{SY}$

e) T,E are end points of line segment
$\overline{TE}$



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

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

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

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

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

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

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

13. In the figure below, if $NO = 5.20$ cm and $OP = 14.60$ cm, find $NP = ?$

(i) 17.80 cm (ii) 20.80 cm (iii) 19.80 cm (iv) 21.80 cm (v) 18.80 cm

Assignment Key

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