EduSahara™ Assignment

Name : Line Concepts

Chapter : Understanding Elementary Shapes

Grade : CBSE Grade VI

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1. Multiple lines drawn on a plane are called

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

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

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

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

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

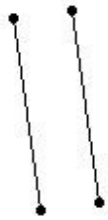
4. A line that intersects two lines at two different points is called

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

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

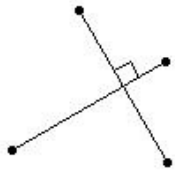
   (i) parallel lines (ii) intersecting lines (iii) coplanar lines (iv) perpendicular lines (v) concurrent lines

6. The following lines represent



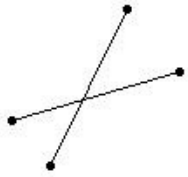
   (i) coplanar lines (ii) concurrent lines (iii) parallel lines (iv) perpendicular lines (v) intersecting lines

7. The following lines represent



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

8. The following lines represent



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

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

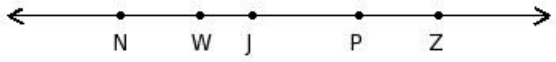
a) N,Z are points on the line segment
$\overline{WP}$

b) N,Z are end points of line segment
$\overline{WP}$

c) J,P are end points of line segment
$\overline{PN}$

d) N,Z are end points of line segment
$\overline{NZ}$

e) N,W,J,Z,P are points on the line
$\overleftrightarrow{NZ}$



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

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

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

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

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

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

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

13. In the figure below, if $PQ = 5.30$ cm and $QR = 10.60$ cm, find PR = ?



(i) 17.90 cm (ii) 15.90 cm (iii) 14.90 cm (iv) 13.90 cm (v) 16.90 cm

Assignment Key

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

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