



1. Multiple lines drawn on a plane are called

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

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

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

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

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

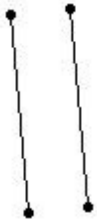
4. A line that intersects two lines at two different points is called

- (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  $90^\circ$  at the meeting point are called

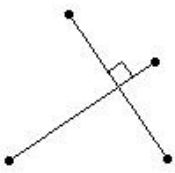
- (i) perpendicular lines (ii) intersecting lines (iii) coplanar lines (iv) parallel lines (v) concurrent lines

6. The following lines represent



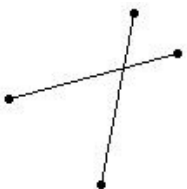
- (i) coplanar lines (ii) concurrent lines (iii) intersecting lines (iv) parallel lines (v) perpendicular lines

7. The following lines represent



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

8. The following lines represent



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

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

a) K,G are points on the line segment

$\overline{UB}$

b) K,G are end points of line segment

$\overline{KG}$

c) K,U,I,G,B are points on the line

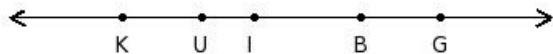
$\overleftrightarrow{KG}$

d) I,B are end points of line segment

$\overline{BK}$

e) K,G are end points of line segment

$\overline{UB}$



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

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

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

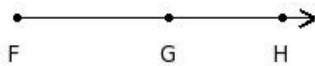
11. The representation  $\overline{KL}$  indicates

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

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

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

13. In the figure below, if  $FG = 9.20$  cm and  $GH = 6.90$  cm, find  $FH = ?$



(i) 15.10 cm (ii) 16.10 cm (iii) 17.10 cm (iv) 18.10 cm (v) 14.10 cm

## Assignment Key

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

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