

**Basic Geometrical ideas: Worksheet -1**

1. A line has \_\_\_\_\_ end points. [     ]  
 (A) 1                      (B) 2                      (C) No end points                      (D) depend upon the line
2. Straight line PQ represented by \_\_\_\_\_. [     ]  
 (A)  $\overleftrightarrow{PQ}$                       (B)  $\overrightarrow{PQ}$                       (C)  $\overleftarrow{PQ}$                       (D) PQ
3. A plane can be extending \_\_\_\_\_ directions [     ]  
 (A) Only one                      (B) Two                      (C) can't extend                      (D) All directions
4. The number of lines that can be drawn through one point \_\_\_\_\_. [     ]  
 (A) 1                      (B) 2                      (C) Finite                      (D) Infinite
5. The number of lines that can be drawn through two different points in a plane \_\_\_\_\_.  
 (A) 1                      (B) 2                      (C) Finite                      (D) Infinite [     ]
6. A line segment has \_\_\_\_\_ points [     ]  
 (A) 1                      (B) 2                      (C) No end points                      (D) depend upon the line
7. Line segment AB represented by \_\_\_\_\_. [     ]  
 (A)  $\overleftrightarrow{AB}$                       (B)  $\overrightarrow{AB}$                       (C)  $\overleftarrow{AB}$                       (D) AB
8. The lines belonging to same plane are called \_\_\_\_\_.
9. If A, B, C are collinear and if  $AB = BC$ . Then B is called \_\_\_\_ of AC
10. If P, Q, R are three collinear points and Q lies between P and R then  $PQ + QR =$  \_\_\_\_\_

