Congruent Figures

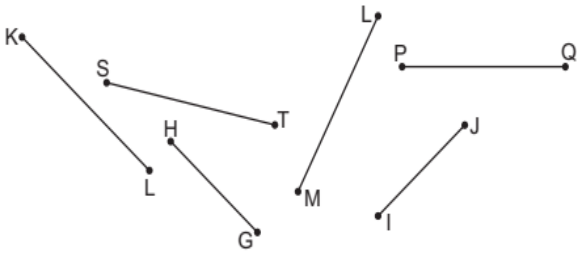
5. **In each group of congruent figures, one does not belong to the group. Name it.**

A. i)  ii)  iii)  iv) 

B. i)  ii)  iii)  iv) 

C. i)  ii)  iii)  iv) 

6. **Measure each of the following line segments given below and state which of them are congruent:**



7. **ABCD are points on a line such that $\overline{AB} \cong \overline{CD}$. Will AC be congruent to $\overline{BD}$?**

8. **Write the conditions for the congruence of:**

   A. two line segments
   B. two angles
   C. two circles
   D. two squares
   E. two rectangles

9. **Choose the correct answer:**

   A. We can fix the congruence of plane figures by using the method of:

   I. separation ☐
   II. comparison of sides ☐
   III. superposition ☐

B. The exact copy of an object is known as a

I. zerox copy
II. photo copy
III. congruent copy

C. If the measures of two angles are equal then these angles are said to be

I. congruent
I. equal
II. Opposite

D. If in two triangles their two sides and one included angle are equal then this type of congruency is known as

I. SAS congruency
II. SSS congruency
III. ASA congruency

E. Two line segments are congruent if they have

I. same sides
II. equal lengths
III. different lengths