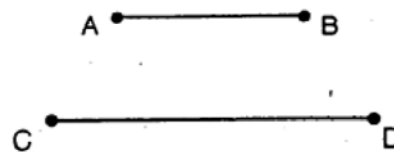


More Review



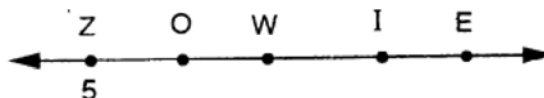
1. Which segment has more points, \overline{AB} or \overline{CD} ?
 - a. Draw ray CA and ray DB.
Extend rays until they intersect. Label it point P.
 - b. Draw a ray with P as its endpoint to show that every point on \overline{AB} is paired up with a point on \overline{CD} .
 - c. Will the midpoint of \overline{AB} be paired up with the midpoint of \overline{CD} ?



For each problem 2 - 6, draw two segments \overline{AB} and \overline{CD} so that the following statements are true:

2. \overline{AB} and \overline{CD} intersect each other but do not bisect (divide into two equal parts) each other.
3. \overline{AB} is perpendicular to \overline{CD} and passes through point C.
4. \overline{AB} is parallel to \overline{CD} and a perpendicular through point A will intersect point D.
5. \overline{AB} bisects \overline{CD} and \overline{CD} bisects \overline{AB} .
6. \overline{AB} and \overline{CD} do not intersect but \overrightarrow{AB} intersects the midpoint of \overline{CD} .

7. W is the midpoint of \overline{ZE}
If $IO = 6$, $IE = 3$, and $ZO = 4$
find the coordinates of O, W, and I



8. M is the midpoint of \overline{AB}
 $AB = 2x + 16$ $MB = 3x - 10$

Find x and AB.