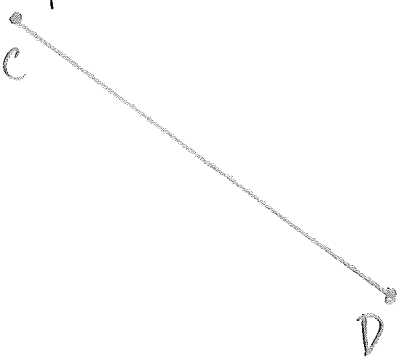
3.2 HW

Name _____

For #1-3, construct the perpendicular bisector of each segment.

1.

2.



3.

4. Construct perpendicular bisectors to divide $\overline{QD}$ into four congruent segments.

5. Construct the perpendicular bisector of $\overline{GH}$.

6. Construct a segment with length $2AB - \frac{1}{2}CD$.

7. Construct $\overline{MN}$ with length equal to the average length of $\overline{AB}$ and $\overline{CD}$.

8. Construct the perpendicular bisector of each side of $\triangle ALI$.

What do you notice about the three perpendicular bisectors?