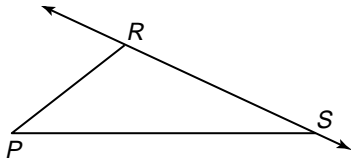


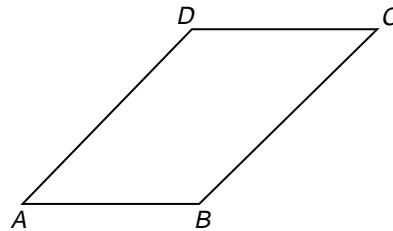
Practice

Parallels and Distance**Draw the segment that represents the distance indicated.**

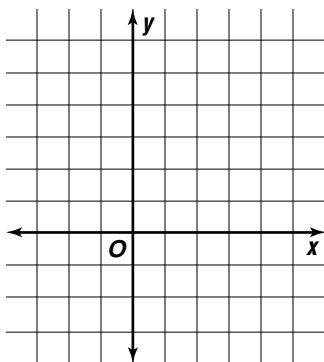
1. P to \overleftrightarrow{RS}



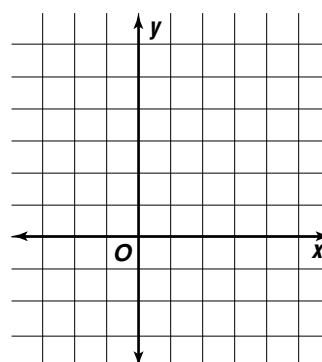
2. B to \overleftrightarrow{AD}

**Graph each equation and plot the given ordered pair. Then construct a perpendicular segment and find the distance from the point to the line.**

3. $y = x + 2$, $(2, -2)$



4. $x + y = 2$, $(3, 3)$

**In the figure below, $\overline{BH} \perp \overline{AE}$, $\overline{CF} \perp \overline{AE}$, $\overline{BH} \perp \overline{BC}$, $\overline{BC} \perp \overline{CF}$, and $\overline{GD} \perp \overline{CE}$. Name the segment whose length represents the distance between the following points and lines.**

5. B to \overline{AE}

6. G to \overline{CE}

7. C to \overline{BH}

8. F to \overline{BC}

