Hands On: Construct Parallel and Perpendicular Lines

Solve.

1. Which line below is parallel to $\overline{CD}$? Is it $\overline{AB}$ or $\overline{RS}$?

2. Karen said that perpendicular lines form 2 right angles. Dexter thinks Karen meant 4 right angles. Who is correct? Use the figure below to help.

3. Diane is drawing two perpendicular lines. First, she drew line $d$. What is the next step she should take?

4. Steve is constructing a line parallel to line $r$. The figure below is what he has drawn so far. What is the next step?

5. Brian drew the figure below. What are the relationships between the line segments?

6. Marie drew this figure using parallel, perpendicular, and intersecting lines. Name the parallel lines.