Section 10.3 More constructions.

1. Geometric Facts you need to know and be able to apply.
   - Know the definition and properties of a rhombus (go back to 10.2 if you forgot them); they are used in some constructions.
   - Know the definition and properties of the angle bisector.

2. Constructions you should be able to perform with compass and straightedge.
   - Construct a line through a given point parallel to a given line.
   - For a given angle, construct the angle bisector.
   - Construct a line perpendicular to a given line through a given point (1. the point is on the given line; 2. the point is not on the given line)

3. Exercises Do the homework. Plenty of good questions there. Think of constructions as puzzles and enjoy!