**3.2 Constructions—Parallel and Perpendicular Lines Geometry**

1) Construct a line perpendicular to the given line. 2) Construct the perpendicular bisector of the following segment.

 J

 K

3) Construct a perpendicular line to the segment through the given point.

 A

 B

 C

4) Construct a parallel line through the given point.

5) Draw a perpendicular line through the 6) Draw a parallel line through the

external point. external point.

7) Draw a perpendicular line through the given line.

8) Construct a line called *m* parallel to l through K using perpendicular lines.

Then construct a line called n parallel to l through P using congruent corresponding angles.

K

 P

l