

# Unit 1.1 Study Guide

You are almost ready for the quick assessment. Your last step to prepare is this study guide. Please answer all the questions or follow all the instructions for the problems below. If you can answer all of these questions with confidence, then you will do great on the unit test.

1.) Construct an equilateral triangle.

2.) Draw an angle (any size), then copy it using a compass and straightedge.

3.) Bisect the angle you just copied.

4.) Draw a line segment (any size), then construct the perpendicular bisector of that line segment.

5.) Draw a line segment and draw a point that is not on the line segment. Then construct the perpendicular to the line that goes through the point.

6.) Draw a triangle (any triangle), then construct the circumcenter.

7.) Draw a triangle (any triangle), then construct the incenter.

You should be able to write clear and precise steps for each of the constructions listed above.